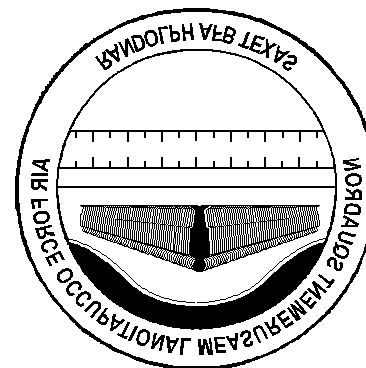




# **UNITED STATES AIR FORCE**



# **TRAINING EXTRACT**

**AFSC 2E1X1  
SATELLITE, WIDEBAND &  
TELEMETRY SYSTEMS**

**(ACTIVE DUTY)**

**OSSN: 2480**

**MARCH 2002**

**OCCUPATIONAL ANALYSIS PROGRAM  
AIR FORCE OCCUPATIONAL MEASUREMENT SQUADRON  
AIR EDUCATION and TRAINING COMMAND  
1550 5th STREET EAST  
RANDOLPH AFB, TEXAS 78150-4449**

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<b>Author(s)</b>		<b>Project Number</b>
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CODAP Study Number: 2480

Study Title: Satellite, Wideband &  
Telemetry Systems

AFSC(s): 2E1X1

AFOMS Analyst: 2LT Joshua M. Smalley

AFOMS CODAP Programmer: Mr Tyrone Hill

Office/DSN: AFOMS/OMYO, 487-6811, EXT (3006)

Job Inventory Date: October 2001

OSR Date: May 2002

Training Extract Date: March 2002

## THE TRAINING EXTRACT

The enclosed Training Extract has been compiled to assist you in making training decisions. It is comprised of a series of computer printouts which show data collected from your specialty. By learning to understand this document and how it applies to training programs, you will find it to be a valuable source of information.

## READING THE TRAINING EXTRACT

TABLE OF CONTENTS: The first page of the Training Extract lists a Table of Contents. The Table of Contents reports five things:

1. Report Number - shows the number and sequence of computer products in the Training Extract.
2. Element - shows the report ID of each computer product in the Training Extract. These numbers are of use only to OMSQ personnel.
3. Program - shows the types of computer products included in the Training Extract. Usually there will be three types listed: (1) PRTMOD, (2) VARSUM, and (3) PRTFAC. Each type of printout will be discussed in more detail below.
4. Report Title - describes the general contents of each computer product included in the Training Extract.
5. Page Number - shows the page on which the respective products begin. These numbers are located at the bottom center of the page.

## TYPES OF COMPUTER PRODUCTS:

PRTMOD: This computer product can display occupational survey data in a variety of ways. Primary displays included in most Training Extracts are:

- (1) in job inventory order (by duty)
- (2) in STS order
- (3) in POI order

The first page of each PRTMOD contains information which is useful primarily to OMSQ Analysts. Of primary interest to the user is the "Description of Reported Task Factors" section at the bottom of the page. This section lists the full titles and the number of members in each data group represented across the various columns of the printout. The actual data display begins on page 2 of the individual printout. This page begins with an introductory paragraph which describes the type of data contained in the product. The actual data follows the introductory paragraph. For information on groups or task factors displayed in the column headings, refer to the listing on page 1. When a column heading describes a group of incumbents, the numbers listed below represent the percent of group members who are performing the task listed at the left-hand side of the page. Where the column heading describes a task factor such as Training Emphasis, Task Difficulty, or Automated Training Indicator (ATI), the numbers below represent the value of that task factor for the given task.

Training emphasis refers to the importance of providing training of the given task in some type of formal structured training program, such as resident technical training schools, field training, or formal OJT. It only applies to recommended training for first-enlistment personnel (those with 1-48 months TAFMS) or, in the case of lateral career ladders, first-assignment or first-job personnel (those with 1-48 months TICF). It does not apply when examining advanced courses for a career ladder. Tasks which senior career ladder personnel believe should be trained for first-enlistment personnel have high training emphasis values, while those tasks which they believe do not require formal training have low training emphasis values.



Task difficulty refers to the length of time required for the average job incumbent to learn to perform a task. Task difficulty ratings are always standardized so that tasks having average task difficulty have a mean of 5.0. Tasks with values above 5.0 are considered more difficult to learn than those with values below 5.0.

VARSUM: While the PRTMOD product provides data on the various tasks being performed, the VARSUM product presents information concerning the responses of career ladder incumbents to the various background questions in the job inventory. Page 1 of the VARSUM lists the groups which are displayed on the product, showing a group ID number, group title, and number of people in the group. These group identities define the groups which comprise the column headings on each page of the VARSUM product. Along the left-hand side of each page, you will see a series of variable numbers, followed by their respective descriptions (i.e. V0000 Equip Used - Automatic Film Processors). Each variable represents a response to a background question. For background questions which allow multiple responses, each response is given below the variable number. In most cases, only the "yes" responses will be displayed. The numbers to the right of each response represent the percentage of the given group (as identified on the first page of the product) who gave that particular response to the question.

PRTFAC: This product is very similar to the PRTMOD in that it displays percentages of people performing tasks, as well as Training Emphasis, Task Difficulty, and Automated Training Indicator (ATI) data. The PRTFAC product however, is used to display task data in descending order of some task factor, such as training emphasis. The two primary PRTFAC products included in the Training Extract display inventory tasks in descending order of Training Emphasis value, and inventory tasks in descending order of the computed Automated Training Indicator (ATI) value.

To help in interpreting Training Emphasis ratings shown on several of the data products, standardized abbreviations are used. These abbreviations are as follows:

MEAN = Average Training Emphasis Rating  
1 SD = 1 Standard Deviation above Mean Training Emphasis Rating  
2 SD = 2 Standard Deviations above Mean Training Emphasis Rating

ABOVE AVG = "ABOVE AVERAGE" in Training Emphasis; Tasks that fall between the Mean and 1 SD  
HIGH = "HIGH" in Training Emphasis; Tasks that fall between 1 SD and 2 SD  
VERY HIGH = "VERY HIGH" in Training Emphasis; Tasks that fall above 2 SD

This document has been designed and prepared as a final summary document containing data printouts which were used in analyzing the occupational survey data collected on this AFSC. We hope this brief summary assists you in utilizing the data presented in this Training Extract. If you need additional information that is not contained in this Extract, please feel free to contact one of our analysts at DSN 487-6811 for assistance.



Report	Element	Program	Title		Page
1.	RP0046	prtmod	AFSC 2E1X1 OSR Data Displayed In Inventory Order	PM0006	1
2.	RP0066	prtjob	All DAFSC 2E1X1 AD Amn with 1-48 Mos TAFMS		24
3.	RP0114	prtmod	CTS 2E1X1 Displayed With DAFSC & TAFMS Data	PM0004	33
4.	RP0045	prtmod	POI E3ABP2E1X1 Displayed With First-Term Group Data	PM0005	76
5.	RP0112	varsum	Background info - 2E1X1 Equipment Groups	VS0002	155
6.	RP0115	prtmod	CTS 2E1X1 Displayed With 1ST Term MAJCOM Data	PM0007	191
7.	RP0113	varsum	Background info - 2E1X1 Equip. 1ST Enlistment Groups	VS0003	234
8.	RP0042	prtfac	2E1X1 Tng Emph Ratings (Desc Order)	PF0001	270
9.	RP0043	prtfac	2E1X1 Task Difficulty Ratings (Descending Order)	PF0002	291
10.	RP0044	prtfac	2E1X1 Automated Training Indicators (Desc Order)	PF0003	312



### Report Option Table for Modules

Option	Status
Primary Sort	Inventory Sequence
Secondary Sort	Not Used
Print Suppress	Not Used

### Report Option Table for Tasks

Option	Status
Primary Sort	Inventory Sequence
Secondary Sort	Not Used
Print Suppress	Not Used

### Description of Reported Module Factors

Col	Factor	Source	vector	Title	Number Members	----- Mean	Based on All S.D.	Tasks Within Max	Range Min	----- Valid
1	TITLE			Module Statement						

### Description of Reported Task Factors

1	TITLE		Task Statement						
2	F0066	TF0002/RMN	2E1X1 Training Emphasis Ratings	41	1.75	1.29	6.41	.00	806
3	F0018	GP0018/PMP	All DAFSC 2E1X1 AD Amn with 1-24 Mos TAFMS	121	16.44	16.69	84.30	.00	806
4	F0020	GP0020/PMP	All DAFSC 2E1X1 AD Amn with 1-48 Mos TAFMS	377	18.84	17.47	86.74	.53	806
5	F0021	GP0021/PMP	All DAFSC 2E1X1 AD Amn with 49-96 Mos TAFMS	133	17.14	15.60	78.95	.00	806
6	F0022	GP0022/PMP	All DAFSC 2E1X1 AD Amn with 97+ Mos TAFMS	427	14.74	13.21	62.53	.23	806
7	F0007	GP0007/PMP	All Active Duty Airmen with DAFSC 2E131	248	18.58	17.89	87.50	.00	806
8	F0008	GP0008/PMP	All Active Duty Airmen with DAFSC 2E151	465	17.66	14.74	77.85	.65	806
9	F0009	GP0009/PMP	All Active Duty Airmen with DAFSC 2E171	224	12.76	13.41	67.41	.45	806
10	F0006	GP0006/PMP	All Active Duty Airmen with DAFSC 2E1X1	937	16.73	13.75	71.82	.64	806
11	F0067	TF0001/SMN	2E1X1 Task Difficulty Ratings	71	5.00	1.00	8.25	-.62	806
12	F0068	TF0001/FGN	2E1X1 Automated Training Indicators	0	5.55	5.00	18.00	1.00	797

AFSC 2E1X1 tasks are presented in USAF Job Inventory order under Duty headings.

The percent of DAFSC/TAFMS group members performing each task as well as task difficulty and training emphasis ratings, are presented to the right of each task.

Note that tasks are listed in alphabetical order under each Duty heading so that tasks may be easily located and cross-referenced. Differences between groups may be highlighted where there are large differences in percent members performing each task across the various groups.

D	T Tsk	TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
-----												
A	PERFORMING GENERAL REPAIR ACTIVITIES											
A0001	Adjust cable assemblies or internal wiring	1.78	46	51	45	33	51	47	21	42	2.10	8
A0002	Adjust circuit card assemblies (CCAs)	3.46	66	66	53	35	71	51	25	50	2.89	13
A0003	Adjust cross-connections	1.22	12	18	14	12	18	15	10	15	2.62	1
A0004	Adjust equipment grounds	2.83	63	66	53	32	67	51	24	49	1.70	8
A0005	Adjust user-calibrated test equipment	3.59	37	38	26	24	37	31	21	30	4.37	12
A0006	Adjust equipment safety devices	3.44	28	32	24	19	33	26	13	25	2.84	10
A0007	Fabricate or repair equipment cables	3.66	55	69	68	46	69	65	34	58	5.39	18
A0008	Inspect flight hardware	.12	3	5	3	3	4	4	2	4	5.03	2
A0009	Inspect flight safety wire	.17	7	6	3	3	6	4	3	4	4.11	2
A0010	Inspect waveguide switching networks	1.83	21	26	15	12	25	19	8	18	4.88	7
A0011	Inspect waveguides	4.15	59	64	55	36	66	52	28	50	3.65	13
A0012	Install cable assemblies or internal wiring	3.29	40	48	41	36	46	45	29	41	4.04	12
A0013	Install communications equipment	4.41	57	60	50	34	60	51	25	47	5.60	18
A0014	Install cross-connections	1.83	12	15	11	13	15	14	11	13	4.39	7
A0015	Install equipment grounds	4.51	64	65	52	38	67	52	30	51	3.10	13
A0016	Operationally check system or test equipment	6.41	69	74	65	54	76	67	42	63	5.23	18
A0017	Perform corrosion control	4.07	75	79	71	45	80	68	30	62	1.74	13
A0018	Perform end-to-end check-outs	5.93	37	47	53	44	46	53	34	46	5.95	12
A0019	Perform equipment cannibalization activities	1.34	32	41	41	30	43	40	19	36	4.43	14
A0020	Perform software configurations on computer-based systems	2.49	17	27	32	28	26	32	22	28	5.76	7
A0021	Perform system diagnostics	5.27	45	55	55	47	55	57	36	52	5.58	18
A0022	Perform system power-downs	5.98	84	87	78	57	88	78	42	72	2.40	13
A0023	Perform system power-ups	5.93	84	86	79	56	87	78	42	72	2.46	13
A0024	Perform preventive maintenance inspections (PMIs) on CCAs	4.24	59	68	52	32	69	53	18	49	3.41	13
A0025	Perform PMIs on cross-connections	1.27	17	19	8	7	19	12	4	12	3.03	1
A0026	Perform PMIs on equipment grounds	3.56	46	53	41	27	54	41	19	39	2.46	13
A0027	Perform PMIs on equipment safety devices	3.46	43	49	33	19	51	34	11	33	2.66	10
A0028	Perform PMIs on cable assemblies or internal wiring	2.85	40	47	32	24	46	37	16	34	2.86	5

A0029    Reconstruct traces on circuit boards

.83    4    6    3    4    5    6    3    5    7.35    2

D T Tsk Y Nbr	Task Title	TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
		EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
A0030	Remove electronic communications equipment	3.63	50	62	48	39	62	53	29	50	3.39	13
A0031	Remove or replace air filters	2.93	71	79	65	42	80	66	26	60	.67	8
A0032	Remove or replace blower motors	2.56	38	47	47	30	48	44	18	39	3.61	5
A0033	Remove or replace cable assemblies or internal wiring	3.07	46	55	47	40	52	52	30	47	3.92	13
A0034	Remove or replace CCAs	4.49	79	76	62	46	79	63	33	60	2.04	13
A0035	Remove or replace circuit board soldered electronic components	2.46	32	32	28	24	34	29	17	28	5.86	15
A0036	Remove or replace cross-connections	1.59	13	16	11	12	16	14	11	14	3.50	1
A0037	Remove or replace equipment grounds	3.76	64	65	55	37	68	52	29	51	2.48	13
A0038	Remove or replace light bulbs	2.34	79	85	75	48	86	72	33	67	-.62	****
A0039	Remove or replace minor plug-in or screw-in electronic components	2.95	68	72	61	45	72	63	33	58	.49	8
A0040	Remove or replace pumps	.66	9	11	10	7	9	11	5	9	3.85	1
A0041	Remove or replace surface-mounted devices on circuit boards	1.78	12	20	16	16	19	19	13	18	5.49	7
A0042	Remove or replace equipment safety devices	3.34	30	36	23	20	35	29	13	27	3.00	10
A0043	Solder or desolder connectors or hardwire circuits	3.51	37	43	37	36	43	43	26	39	4.71	12
A0044	Troubleshoot user-calibrated test equipment	1.85	29	28	18	18	25	23	15	22	5.70	7
A0045	Troubleshoot or repair blower motors	1.71	24	31	23	18	29	26	13	24	4.61	14
A0046	Troubleshoot or repair cable assemblies or internal wiring	3.73	43	50	44	39	48	49	29	44	5.22	18
A0047	Troubleshoot or repair CCAs	2.83	47	49	35	24	49	36	18	35	6.00	15
A0048	Troubleshoot or repair cross-connections	1.27	11	16	10	11	15	13	10	13	4.28	2
A0049	Troubleshoot or repair equipment grounds	3.37	44	51	38	28	51	40	23	39	3.39	13
A0050	Troubleshoot or repair light bulbs	1.63	46	51	34	24	52	36	19	36	.35	6
A0051	Troubleshoot or repair pumps	.51	8	11	7	5	10	9	4	8	4.22	2
A0052	Troubleshoot or repair equipment safety devices	3.46	27	29	19	14	28	23	8	21	3.50	9
A0053	Visually inspect guidewires	2.66	42	45	32	18	51	29	13	31	1.51	5
A0054	Visually inspect safety cables	3.32	48	54	38	22	58	36	16	37	1.58	13
-----												
B	MAINTAINING FIXED AND MOBILE ANTENNA SYSTEMS											
B0055	Adjust antenna status equipment	3.15	46	52	37	26	54	40	17	38	4.35	18
B0056	Adjust dehydrators or pressurizers	1.95	22	26	21	17	26	23	12	21	4.81	7
B0057	Adjust tuneable waveguides	1.98	17	17	14	6	17	12	4	12	5.79	7
B0058	Assemble antenna radomes	1.02	12	10	8	4	9	7	4	7	5.28	2
B0059	Assemble feedhorn assemblies	3.37	44	47	37	20	48	34	16	33	4.80	12
B0060	Assemble or disassemble antennas	4.49	50	56	47	28	57	43	23	42	5.09	18
B0061	De-ice antennas	1.88	31	32	26	11	31	23	6	21	3.00	5
B0062	Perform waveguide insertion loss procedures	3.32	31	28	22	14	30	22	10	21	5.52	11
B0063	Perform PMIs on antenna status equipment	3.66	53	54	38	22	56	39	13	37	4.43	18
B0064	Perform PMIs on antenna systems	4.46	70	72	57	33	74	55	19	52	4.44	18
B0065	Perform PMIs on antennas, other than antenna systems	3.41	45	50	39	21	50	38	13	35	4.20	18
B0066	Remove or replace antenna controls	3.15	36	44	38	26	41	40	18	35	4.76	12
B0067	Remove or replace antenna coupler components	2.34	30	37	24	21	34	32	13	28	4.78	15
B0068	Remove or replace antenna drive equipment	2.82	38	47	46	27	44	44	17	38	5.26	15

B0069	Remove or replace antenna lights	2.24	32	41	30	21	41	33	13	30	1.63	5
B0070	Remove or replace antenna radomes	.98	8	10	8	4	9	8	3	7	4.52	2

D												
T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
B0071	Remove or replace antenna reflector section components	2.71	27	34	36	19	33	31	14	27	4.18	15
B0072	Remove or replace antenna status equipment	2.59	26	36	29	19	35	30	13	27	4.46	15
B0073	Remove or replace antenna transmission lines or related components	2.80	31	37	30	23	34	34	16	29	3.88	5
B0074	Remove or replace antennas	3.76	42	46	44	26	44	41	19	37	4.56	12
B0075	Remove or replace cable trench sump pumps	.24	7	8	5	2	6	5	2	5	4.14	2
B0076	Remove or replace de-icers or heaters	1.29	21	23	22	10	20	21	4	17	4.52	2
B0077	Remove or replace dehydrators or pressurizers	1.56	17	22	17	15	20	23	8	18	4.49	2
B0078	Remove or replace diplexers or duplexers	2.07	20	22	17	13	19	19	10	17	4.73	7
B0079	Remove or replace feedhorn assemblies	3.59	43	46	46	25	46	41	17	36	4.49	12
B0080	Remove or replace feedhorn assembly components	3.29	36	39	29	19	38	31	14	28	4.59	12
B0081	Remove or replace filter assemblies	2.85	36	46	35	24	43	38	17	34	2.55	5
B0082	Remove or replace multicouplers	1.59	12	12	8	8	10	12	5	10	3.97	1
B0083	Remove or replace quick reaction antenna (QRA) components	4.54	23	33	27	14	33	25	9	23	4.32	12
B0084	Remove or replace relays	2.46	23	28	21	21	25	27	15	24	4.18	7
B0085	Remove or replace splitters or combiners	2.37	24	25	20	20	25	24	16	22	4.17	7
B0086	Troubleshoot diplexers or duplexers	2.29	19	21	14	12	18	18	9	16	5.52	7
B0087	Troubleshoot splitters or combiners	2.80	19	25	17	17	23	23	13	20	5.46	7
B0088	Troubleshoot or repair antenna controls	3.90	44	48	40	26	48	40	18	37	5.42	12
B0089	Troubleshoot or repair antenna drive equipment	3.66	42	48	42	27	46	42	19	37	5.90	12
B0090	Troubleshoot or repair antenna positioning circuits	3.59	35	38	35	25	38	35	18	32	6.33	12
B0091	Troubleshoot or repair antenna radomes	1.22	8	10	10	5	9	9	3	8	5.64	2
B0092	Troubleshoot or repair antenna status equipment	3.37	35	38	30	20	40	30	14	29	5.69	12
B0093	Troubleshoot or repair antenna systems	4.20	43	49	41	27	49	42	18	38	5.82	12
B0094	Troubleshoot or repair antenna transmission lines or related components	3.17	31	34	35	24	33	34	17	29	5.47	12
B0095	Troubleshoot or repair antennas, other than antenna systems	3.17	28	31	27	18	33	26	13	25	5.34	12
B0096	Troubleshoot or repair cable trench sump pumps	.07	7	9	5	3	8	6	2	6	5.44	2
B0097	Troubleshoot or repair de-icers or heaters	1.20	22	21	16	9	18	18	5	15	5.48	2
B0098	Troubleshoot or repair dehydrators or pressurizers	2.15	20	23	16	15	23	21	9	18	5.57	7
B0099	Troubleshoot or repair filter assemblies	2.12	31	34	21	18	35	25	12	25	4.23	15
B0100	Troubleshoot or repair relays	2.22	19	22	11	15	21	18	11	17	4.95	7
B0101	Troubleshoot or repair waveguides	3.12	38	40	27	21	39	31	15	29	5.27	12
B0102	Visually inspect antenna couplers	2.76	30	34	23	21	33	28	16	26	2.90	5
B0103	Visually inspect antenna radomes	1.78	19	22	17	13	22	19	8	17	2.68	3
B0104	Visually inspect antenna reflector sections	3.12	40	47	41	29	47	41	21	38	2.70	10
B0105	Visually inspect antennas	4.02	60	68	54	38	69	55	29	52	2.36	13
B0106	Visually inspect feedhorn assemblies	3.95	51	57	51	32	59	48	22	45	2.58	13
B0107	Visually inspect QRAs	3.98	33	39	29	15	41	26	11	26	2.48	10
B0108	Visually inspect waveguides	4.66	62	65	47	34	65	51	26	48	2.50	13

C MAINTAINING TRACKING SYSTEMS

C0108 Adjust antenna positioning circuits 2.27 28 32 25 22 33 28 14 26 5.52 12

C0110	Adjust brake systems	2.12	16	21	17	14	19	20	8	17	5.42	7
C0111	Adjust phase shifters	1.56	10	14	9	6	14	11	3	10	5.95	2

D

T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
C0112	Adjust software configuration systems	1.66	12	16	13	12	14	17	8	14	5.83	2
C0113	Adjust tracking servo controls	3.02	26	32	22	17	31	26	10	23	5.87	15
C0114	Adjust tracking systems	3.46	27	32	26	17	34	26	11	24	5.82	12
C0115	Operationally check tracking systems	3.95	27	34	34	23	34	34	14	29	4.50	12
C0116	Perform PMIs on software configuration systems	2.32	15	18	15	10	17	17	5	14	4.64	7
C0117	Perform PMIs on tracking systems	3.37	31	36	29	21	36	32	13	28	4.37	12
C0118	Remove or replace antenna tracking control drawers	2.83	21	29	26	17	28	27	10	23	4.15	7
C0119	Remove or replace brake systems	1.90	12	17	14	12	16	17	7	14	5.23	7
C0120	Remove or replace phase shifters	1.32	8	14	10	5	13	11	2	9	5.32	2
C0121	Remove or replace silicon control rectifier (SCR) cabinet components	1.44	7	8	5	6	10	7	2	7	5.52	2
C0122	Remove or replace software configuration systems	1.29	10	14	6	8	13	12	4	10	4.91	2
C0123	Remove or replace tracking system components	2.39	17	25	15	16	25	21	10	19	5.25	7
C0124	Troubleshoot phase shifters	1.24	10	13	5	6	13	9	3	9	6.26	2
C0125	Troubleshoot or repair brake systems	1.90	11	18	13	12	17	17	7	15	5.92	7
C0126	Troubleshoot or repair interrogators	1.00	4	6	2	2	6	4	1	4	6.37	2
C0127	Troubleshoot or repair SCR cabinets	1.59	7	9	5	5	11	6	3	7	6.30	2
C0128	Troubleshoot or repair software configuration systems	1.83	6	12	9	7	11	11	4	10	6.25	7
C0129	Troubleshoot or repair tracking demodulators	3.10	31	32	21	14	31	24	10	22	6.20	12
C0130	Troubleshoot or repair tracking down-converters	4.15	45	45	39	22	44	37	14	34	6.14	12
C0131	Troubleshoot or repair tracking receivers	3.61	33	38	33	19	36	32	13	28	6.17	12
C0132	Troubleshoot or repair tracking servo controls	2.95	28	31	26	17	31	27	10	24	6.27	15
C0133	Troubleshoot or repair tracking synchro controls	2.63	17	21	17	13	21	19	8	17	6.21	7
C0134	Troubleshoot or repair tracking systems	3.41	26	35	25	20	32	30	14	27	6.28	12
C0135	Troubleshoot or repair transponders	1.95	10	12	8	6	11	10	3	9	6.22	7

D

## MAINTAINING RECEIVERS AND DOWNLINK SYSTEMS

D0136	Adjust amplifiers	4.51	60	61	47	29	62	47	20	44	5.38	18
D0137	Adjust automatic gain controls (AGCs)	3.76	45	49	33	22	54	34	14	35	5.18	12
D0138	Adjust down-converters	5.41	68	65	46	29	68	48	17	46	4.90	18
D0139	Adjust interference suppression devices	1.63	11	12	7	4	13	8	1	8	5.11	2
D0140	Adjust mixers	2.56	22	25	17	11	26	17	8	17	5.09	7
D0141	Adjust pre- or post-selectors	2.49	39	33	15	10	35	18	7	20	4.79	15
D0142	Adjust receiver gain monitors	3.49	36	32	20	12	35	21	8	21	4.98	12
D0143	Adjust receivers	4.34	42	48	40	27	49	39	21	37	4.98	12
D0144	Perform PMIs on amplifiers	4.29	60	60	46	29	63	45	21	44	4.58	18
D0145	Perform PMIs on down-converters	5.20	72	66	48	30	70	48	19	47	4.54	18
D0146	Perform PMIs on interference suppression devices	2.27	18	19	11	6	19	14	1	12	4.56	7
D0147	Perform PMIs on receivers	4.29	53	56	39	27	58	41	19	40	4.49	18
D0148	Remove or replace amplifiers	3.20	50	55	48	31	54	48	21	43	5.07	18
D0149	Remove or replace detectors or discriminators	1.88	12	15	6	8	13	11	5	10	4.74	7
D0150	Remove or replace down-converters	4.05	60	61	49	30	64	48	20	45	4.64	18
D0151	Remove or replace frame synchros	1.24	11	11	5	5	12	7	3	7	4.47	2
D0152	Remove or replace interference suppression devices	1.54	9	11	4	4	11	7	1	7	4.37	2
D0153	Remove or replace limiters	1.88	12	20	8	7	20	12	4	12	4.34	7



D0154	Remove or replace power divider assemblies	2.02	25	20	12	11	22	15	5	15	4.37	7
D0155	Remove or replace pre- or post-selectors	1.90	25	24	11	8	26	14	5	15	4.62	7

D		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
T Tsk		EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
Y Nbr	Task Title											
D0156	Remove or replace receive combiners	2.22	19	21	14	13	21	18	9	17	4.40	7
D0157	Remove or replace receivers	2.95	39	44	35	25	46	35	19	34	4.52	15
D0158	Remove or replace waveguide switching networks	2.02	19	25	22	14	23	22	10	20	4.88	7
D0159	Troubleshoot limiters	1.41	14	15	7	6	16	10	2	10	6.10	2
D0160	Troubleshoot power divider assemblies	1.80	21	18	13	8	17	15	3	13	6.18	7
D0161	Troubleshoot or repair amplifiers	3.83	37	43	32	24	43	35	16	33	6.21	12
D0162	Troubleshoot or repair detectors or discriminators	1.90	12	13	5	6	12	10	3	9	6.26	7
D0163	Troubleshoot or repair digital receivers	3.15	22	24	16	13	25	19	8	18	6.43	11
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	50	51	47	24	52	41	17	38	6.20	18
D0165	Troubleshoot or repair interference suppression devices	1.44	12	12	5	4	12	8	1	7	6.26	2
D0166	Troubleshoot or repair pre- or post-selectors	1.93	26	25	14	8	25	15	4	15	6.04	7
D0167	Troubleshoot or repair receive combiners	2.32	21	23	13	10	23	17	4	15	6.33	7
D0168	Troubleshoot or repair receivers	3.73	37	41	32	23	41	36	13	32	6.25	12
D0169	Troubleshoot or repair waveguide switching networks	2.78	26	26	20	12	23	22	9	19	6.01	7
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E	MAINTAINING TRANSMITTERS AND UPLINK SYSTEMS											
E0170	Adjust automatic leveling controls (ALCs)	1.51	13	11	5	6	10	8	5	8	5.31	2
E0171	Adjust power monitors	2.90	28	26	20	15	26	22	10	20	4.83	7
E0172	Adjust transmit-gain circuits	3.24	25	27	21	15	30	22	8	21	5.18	11
E0173	Adjust up-converters	4.93	60	58	44	25	60	43	17	41	5.24	18
E0174	Adjust high-voltage power supplies	4.90	46	46	35	24	48	36	16	34	5.86	12
E0175	Perform PMIs on ALCs	1.73	13	11	5	4	11	7	3	7	4.50	2
E0176	Perform PMIs on cooling air circulation systems	2.12	21	22	16	11	21	18	5	16	4.13	7
E0177	Perform PMIs on high-voltage power supplies	4.39	50	47	33	23	48	37	14	34	5.13	12
E0178	Perform PMIs on transmitters	4.66	45	47	35	25	47	37	17	35	4.96	12
E0179	Perform PMIs on up-converters	5.17	63	60	47	26	62	45	17	43	4.63	18
E0180	Remove or replace cooling air circulation system components	1.49	21	21	14	11	19	17	8	15	4.54	2
E0181	Remove or replace directional couplers	2.17	23	28	17	16	27	24	10	21	4.60	7
E0182	Remove or replace dummy loads	2.56	54	50	44	22	51	41	13	37	3.49	8
E0183	Remove or replace line-voltage regulators	1.88	10	14	5	8	13	10	7	10	4.43	7
E0184	Remove or replace magic-T networks	.93	5	6	2	3	6	3	2	4	4.69	2
E0185	Remove or replace power combiners	1.61	17	16	14	9	16	15	5	13	4.60	2
E0186	Remove or replace power monitors	2.24	19	19	14	11	18	17	7	15	4.59	7
E0187	Remove or replace transmit-gain controls	2.05	20	19	19	11	20	17	6	15	4.85	7
E0188	Remove or replace transmitters	3.34	34	34	34	24	34	32	18	29	5.25	12
E0189	Remove or replace high-voltage power supply components	3.41	33	38	31	21	40	32	14	29	5.60	12
E0190	Troubleshoot directional couplers	2.29	21	24	15	13	24	20	8	18	5.98	7
E0191	Troubleshoot dummy loads	2.22	36	35	27	18	33	29	13	26	5.11	15
E0192	Troubleshoot magic-T networks	1.24	5	5	2	3	5	3	3	4	5.83	2
E0193	Troubleshoot power combiners	2.20	15	17	11	9	16	14	6	12	6.01	7
E0194	Troubleshoot or repair automatic leveling systems	1.83	10	10	4	3	9	6	2	6	6.29	7
E0195	Troubleshoot or repair cooling air circulation systems	1.61	21	18	12	12	17	16	8	14	5.82	2

E0196    Troubleshoot or repair line-voltage regulators

2.02    12    12    5    7    12    8    5    8    6.09    7

D												
T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
E0197	Troubleshoot or repair power amplifier monitoring systems	2.95	26	24	18	14	24	20	9	18	6.05	7
E0198	Troubleshoot or repair power monitors	2.49	21	20	17	13	20	18	8	16	6.14	7
E0199	Troubleshoot or repair transmit-gain circuits	2.83	21	20	13	11	21	16	7	15	6.17	7
E0200	Troubleshoot or repair transmitters	4.63	40	38	34	22	39	32	18	30	6.40	12
E0201	Troubleshoot or repair up-converters	5.12	56	55	43	25	56	42	17	40	6.17	18
E0202	Troubleshoot or repair uplink waveguide switching networks	2.68	20	19	17	12	17	19	8	16	6.25	7
E0203	Troubleshoot or repair high-voltage power supplies	4.32	45	45	32	23	46	35	15	33	6.64	12
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F	MAINTAINING AIR FORCE SATELLITE COMMUNICATION (AFSATCOM) AND MILSTAR SYSTEMS											
F0204	Adjust electrostatic surge arrestors (ESAs)	.93	7	6	2	2	7	3	1	4	5.43	2
F0205	Adjust time distribution subsystem pre-processors (TDSPPs)	1.15	7	9	10	5	8	9	2	7	5.41	2
F0206	Configure Air Force Satellite Communications (AFSATCOM) terminal equipment	3.93	39	34	20	11	35	21	7	21	6.07	12
F0207	Operationally check automatic send and receive (ASR) units	1.76	8	8	5	2	8	5	2	5	4.62	7
F0208	Operationally check command post synchronizers	1.27	5	6	3	2	5	3	2	4	4.63	2
F0209	Operationally check communications security (COMSEC) controls	2.93	26	29	25	13	27	23	10	21	4.59	7
F0210	Operationally check dual COMSEC switching units (DCSUs)	1.71	9	11	8	3	10	7	3	7	4.51	2
F0211	Operationally check emergency action message (EAM) equipment	1.37	10	12	12	9	10	14	7	11	4.35	2
F0212	Operationally check fault indicator panels (FIPs)	1.90	29	30	15	11	30	20	6	19	4.00	15
F0213	Operationally check force synchronizers	.98	5	6	2	1	4	4	0	3	4.40	2
F0214	Operationally check line modem units (LMUs)	1.56	17	14	9	5	13	11	2	9	4.34	2
F0215	Operationally check magnetic tape memories (MTMs)	.85	7	8	8	2	7	6	0	5	4.16	2
F0216	Operationally check message processor controls	.95	4	6	6	1	3	6	0	4	4.41	2
F0217	Operationally check message processor units (MPUs)	1.24	6	6	7	2	4	6	1	4	4.49	2
F0218	Operationally check radio frequency (RF) controls	2.68	38	37	26	15	36	28	7	25	4.49	15
F0219	Operationally check receiver-transmitter (RT) controls	2.83	32	32	24	14	31	25	7	22	4.50	15
F0220	Operationally check remote interface units (RIUs)	1.66	22	19	14	7	17	14	4	13	4.65	2
F0221	Operationally check status display units (SDUs)	1.66	21	21	11	7	18	15	3	13	4.53	2
F0222	Operationally check supervisory status panels (SSPs)	1.32	4	6	4	4	4	5	3	4	4.64	2
F0223	Operationally check time standard modulators (TSMs)	1.56	12	14	12	7	11	13	4	10	4.30	2
F0224	Perform emergency MPU bypass procedures	1.29	2	3	3	2	3	3	1	2	5.61	2
F0225	Perform PMIs on ESAs	1.51	4	5	3	2	4	4	2	3	4.48	2
F0226	Perform PMIs on LMUs	1.88	9	7	6	2	6	6	1	5	4.56	7
F0227	Perform PMIs on TDSPPs	2.02	7	10	10	5	8	9	3	8	4.49	7
F0228	Perform PMIs on TSMs	2.12	11	12	10	7	10	12	4	9	4.40	7
F0229	Remove or replace ASR units	1.15	2	4	4	2	2	4	2	3	4.68	2
F0230	Remove or replace central processing units (CPUs)	1.20	12	14	12	8	11	14	4	11	4.88	2

F0231	Remove or replace command post synchronizers	1.07	3	4	3	1	4	3	1	3	4.94	2
F0232	Remove or replace COMSEC controls	1.88	14	15	9	5	13	9	6	9	4.94	7

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D	T Tsk Y Nbr	Task Title	TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
			EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
F0233		Remove or replace DCSUs	1.66	7	11	10	4	10	9	2	8	4.65	2
F0234		Remove or replace digital interface units (DIUs)	1.02	5	8	5	3	6	6	2	5	4.72	2
F0235		Remove or replace ESAs	1.02	3	5	3	3	4	4	3	4	4.52	2
F0236		Remove or replace force synchronizers	1.07	3	3	2	1	3	2	1	2	4.62	2
F0237		Remove or replace LMUs	1.27	6	6	5	3	5	5	1	4	4.64	2
F0238		Remove or replace message processor controls	.95	4	5	5	2	3	5	1	4	4.91	2
F0239		Remove or replace MTMs	.76	2	3	4	2	3	3	1	2	4.60	2
F0240		Remove or replace RF controls	2.12	17	19	11	8	17	14	4	13	4.76	7
F0241		Remove or replace RIUs	.95	5	4	4	2	4	3	2	3	4.75	2
F0242		Remove or replace RT controls	1.51	7	9	7	5	8	8	4	7	4.73	2
F0243		Remove or replace SDUs	1.07	4	5	4	1	4	4	1	3	4.83	2
F0244		Remove or replace SSPs	1.00	2	2	3	1	2	3	0	2	4.70	2
F0245		Remove or replace TDSPPs	1.29	4	7	10	5	6	9	3	7	4.60	2
F0246		Remove or replace TSMS	1.51	8	11	11	8	10	12	5	10	4.54	2
F0247		Schedule satellite users	.90	6	6	5	4	6	5	3	5	5.25	2
F0248		Troubleshoot AFSATCOM systems to identify faulty units	3.07	23	23	16	10	25	16	5	16	6.49	11
F0249		Troubleshoot or repair ASR units	1.12	3	3	4	2	3	3	2	3	6.00	2
F0250		Troubleshoot or repair command post synchronizers	.73	4	4	3	1	4	2	1	2	6.11	2
F0251		Troubleshoot or repair COMSEC controls	1.41	13	10	8	4	9	8	4	7	6.04	2
F0252		Troubleshoot or repair CPUs	1.10	6	9	10	6	7	10	5	8	6.47	2
F0253		Troubleshoot or repair DCSUs	1.98	4	10	7	4	8	8	2	7	6.24	7
F0254		Troubleshoot or repair DIUs	.98	4	4	3	1	4	3	1	3	6.32	2
F0255		Troubleshoot or repair EAM equipment	1.07	7	7	13	6	6	9	5	7	6.13	2
F0256		Troubleshoot or repair ESAs	.93	3	3	4	1	4	2	1	2	6.23	2
F0257		Troubleshoot or repair FIPs	.95	3	4	4	1	3	3	1	2	6.17	2
F0258		Troubleshoot or repair force synchronizers	1.24	2	2	2	1	2	2	1	2	6.20	2
F0259		Troubleshoot or repair LMUs	1.20	7	5	5	2	5	4	1	4	6.28	2
F0260		Troubleshoot or repair message processor controls	.83	6	5	4	2	4	4	1	3	6.15	2
F0261		Troubleshoot or repair MTMs	.71	3	3	5	1	3	3	1	2	6.31	2
F0262		Troubleshoot or repair RF controls	2.46	27	24	15	8	24	16	5	16	6.14	7
F0263		Troubleshoot or repair RIUs	1.10	7	5	3	1	4	3	1	3	6.13	2
F0264		Troubleshoot or repair RT controls	1.51	10	10	7	3	10	7	2	7	6.15	2
F0265		Troubleshoot or repair SDUs	1.07	4	4	3	1	4	3	1	3	6.23	2
F0266		Troubleshoot or repair selective message routers (SMRs)	.63	6	3	2	1	4	2	1	2	6.24	2
F0267		Troubleshoot or repair SSPs	.95	2	3	2	1	3	2	0	2	6.14	2
F0268		Troubleshoot or repair TDSPPs	1.24	7	9	9	5	8	9	4	7	6.15	2
F0269		Troubleshoot or repair TSMS	1.37	7	10	10	8	9	11	4	9	6.05	2
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G		PERFORMING AIRCREW ACTIVITIES											
G0270		Brief crew members or passengers on emergency procedures	.66	10	14	14	7	15	13	3	11	3.79	1
G0271		Conduct aircrew mission briefings	.00	2	2	2	3	2	3	3	2	3.85	****
G0272		Coordinate correction of aircraft discrepancies or malfunctions with aircraft commander or job control	.00	1	2	2	3	1	3	2	2	4.70	****

G0273	Inspect life support equipment	.78	5	6	7	2	6	5	1	4	4.40	2
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D												
T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
G0274	Inspect ramp areas for foreign object damage (FOD) matter	.66	4	5	7	5	4	7	4	5	2.11	1
G0275	Monitor radio communication transmissions	1.54	14	14	13	10	14	12	9	12	2.89	1
G0276	Perform aircrew safety observer procedures	.41	2	2	3	2	2	3	1	2	3.57	1
G0277	Perform post-flight equipment checkouts	.61	5	4	9	4	4	6	3	5	4.92	2
G0278	Perform pre-flight equipment checkouts	.51	7	5	9	5	5	8	4	6	5.01	2
G0279	Secure equipment for takeoff or landing	.39	6	4	8	5	4	7	3	5	3.77	1
G0280	Write or update flight manuals, safety and operational supplements, or flight crew checklists	.00	3	2	2	4	2	3	3	3	5.99	****
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H	MAINTAINING MULTIPLEXERS, MODEMS, AND ASSOCIATED INTERFACE EQUIPMENT											
H0281	Adjust amplitude or delay equalizers	1.49	7	11	4	4	12	5	4	7	5.47	2
H0282	Adjust bit synchronizers	1.02	16	13	6	6	14	8	4	9	5.23	2
H0283	Adjust Ear-and-Mouth (E-and-M) signaling and control circuits	.98	3	10	5	6	10	7	5	7	5.10	2
H0284	Adjust echo suppressors	1.17	8	10	5	5	10	7	4	7	5.35	2
H0285	Adjust fiber-optic receivers or transmitters	1.68	8	12	9	8	12	11	7	10	5.61	2
H0286	Adjust four way/four wire bridges	1.20	2	6	2	4	6	4	4	5	5.37	2
H0287	Adjust hubbing or multiparty equipment	.83	5	5	3	2	6	2	2	3	5.50	2
H0288	Adjust in-band signaling and control circuits	1.27	4	8	2	3	8	4	3	5	5.30	2
H0289	Adjust level converters	1.63	17	19	9	5	21	10	3	11	5.02	2
H0290	Adjust level regulators	1.15	6	9	3	2	10	4	2	5	4.97	2
H0291	Adjust line isolation assemblies or battery isolation relay assemblies	1.17	2	6	2	3	6	4	2	4	5.26	2
H0292	Adjust modems	4.39	57	53	44	19	54	38	12	36	5.19	18
H0293	Adjust modulators or demodulators	4.46	49	47	35	19	48	33	13	33	5.34	12
H0294	Adjust multiplexers or demultiplexers	4.73	56	51	35	21	54	35	15	35	5.33	18
H0295	Adjust out-of-band signaling and control circuits	1.20	8	11	2	3	11	6	1	6	5.48	2
H0296	Adjust power supplies	4.22	48	42	38	22	44	34	17	33	4.89	12
H0297	Adjust shift keying modems	1.59	25	23	11	5	25	12	3	13	5.30	2
H0298	Adjust two wire/four wire conversion and termination circuits	1.05	14	15	10	7	17	10	6	11	5.04	2
H0299	Adjust word selectors	.66	2	2	2	1	2	2	0	1	5.21	2
H0300	Configure cryptographic equipment	3.49	36	36	34	22	41	28	17	29	4.95	12
H0301	Configure echo suppressors	1.44	8	10	7	4	8	8	3	7	4.91	2
H0302	Configure encoders or decoders	1.27	18	17	14	7	15	14	4	12	5.05	2
H0303	Operate bit synchronizers	1.41	17	18	9	8	16	13	6	12	4.40	2
H0304	Operate modulators or demodulators	4.34	47	49	33	22	50	35	17	35	4.36	12
H0305	Operate word selectors	.51	2	2	3	1	2	2	0	2	4.33	2
H0306	Operationally check cryptographic equipment	3.78	26	33	31	23	33	30	17	28	4.47	12
H0307	Perform modem bit error rate tests	4.90	43	45	36	22	44	36	17	34	4.72	12
H0308	Perform modem link characterization tests	3.17	17	16	14	11	15	16	8	14	5.69	11
H0309	Perform PMIs on bit synchronizers	1.49	13	12	7	7	12	10	4	9	4.58	2
H0310	Perform PMIs on modulators or demodulators	2.80	40	42	32	17	44	31	12	30	4.54	12



H0311	Perform PMIs on word selectors	.80	3	4	2	2	4	3	0	3	4.68	2
H0312	Perform PMIs on encoders or decoders	1.59	14	16	13	5	14	12	3	10	4.70	2

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Tsk Y Nbr	Task Title	TNG EMP	1ST JOB	1ST ENL	2ND ENL	CAR EER	3- LVL	5- LVL	7- LVL	TOT SPL	TSK DIF	ATI
H0313	Perform PMIs on four way/four wire bridges	1.05	4	7	3	3	7	5	3	5	4.60	2
H0314	Perform PMIs on modems	4.76	51	54	41	22	55	40	13	38	4.67	18
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	55	57	39	24	59	40	16	39	4.90	18
H0316	Remove or replace amplitude or delay equalizers	1.12	5	8	3	4	8	6	3	6	4.80	2
H0317	Remove or replace bit synchronizers	1.22	11	11	8	8	10	11	5	9	4.65	2
H0318	Remove or replace computer interface equipment	1.78	8	11	12	11	10	14	8	11	4.83	7
H0319	Remove or replace cryptographic equipment	2.46	27	30	26	19	31	26	13	24	4.33	15
H0320	Remove or replace E-and-M signaling and control circuits	1.12	2	8	6	7	7	8	4	7	4.73	2
H0321	Remove or replace echo suppressors	1.37	6	8	6	4	8	7	2	6	4.49	2
H0322	Remove or replace encoders or decoders	1.27	16	14	11	6	15	11	3	10	4.55	2
H0323	Remove or replace fiber-optic receivers or transmitters	2.54	7	14	11	12	12	15	10	13	4.69	7
H0324	Remove or replace four way/four wire bridges	1.02	6	7	4	5	6	6	4	6	4.53	2
H0325	Remove or replace frequency generators	1.95	17	21	13	10	21	16	5	15	4.36	7
H0326	Remove or replace hubbing or multiparty equipment	.98	5	5	2	1	6	3	0	3	4.84	2
H0327	Remove or replace in-band signaling and control circuits	.59	2	7	4	3	7	5	1	5	4.73	2
H0328	Remove or replace level converters	1.44	18	19	10	7	20	12	5	12	4.38	2
H0329	Remove or replace level inverters	1.24	7	10	2	2	10	5	1	5	4.63	2
H0330	Remove or replace line or battery isolation relay assemblies	1.02	7	7	1	4	6	5	2	5	4.67	2
H0331	Remove or replace modems	4.02	54	56	42	26	56	44	17	41	4.30	18
H0332	Remove or replace modulators or demodulators	3.63	42	46	36	21	45	37	13	33	4.36	12
H0333	Remove or replace multiplexers or demultiplexers	3.10	50	49	40	25	50	38	18	37	4.33	12
H0334	Remove or replace out-of-band signaling and control circuits	.88	5	7	4	3	7	5	2	5	4.43	2
H0335	Remove or replace power supplies	3.83	55	58	46	31	59	46	22	44	4.32	18
H0336	Remove or replace series or parallel converters	1.12	7	10	4	3	8	6	2	6	4.60	2
H0337	Remove or replace two wire/four wire conversion and termination circuits	.80	5	8	5	5	7	7	4	6	4.53	2
H0338	Remove or replace word selectors	.56	2	2	2	1	2	2	0	2	4.54	2
H0339	Troubleshoot or repair amplitude or delay equalizers	1.32	4	7	1	4	6	5	2	4	5.88	2
H0340	Troubleshoot or repair bit synchronizers	1.37	12	10	7	6	10	8	4	8	5.99	2
H0341	Troubleshoot or repair computer interface equipment	1.66	6	8	8	8	7	10	4	8	6.11	2
H0342	Troubleshoot or repair E-and-M signaling and control circuits	1.12	3	6	5	6	6	7	5	6	6.01	2
H0343	Troubleshoot or repair echo suppressors	1.24	10	10	4	4	10	7	2	6	6.19	2
H0344	Troubleshoot or repair encoders or decoders	.98	12	11	10	5	11	9	3	8	6.12	2
H0345	Troubleshoot or repair four way/four wire bridges	.98	6	8	2	5	6	6	4	5	6.15	2
H0346	Troubleshoot or repair hubbing or multiparty equipment	.98	4	5	2	2	6	3	2	4	6.28	2
H0347	Troubleshoot or repair in-band signaling and control circuits	1.02	2	6	2	3	6	4	2	4	6.15	2
H0348	Troubleshoot or repair level converters	1.44	16	18	5	7	17	11	4	11	6.05	2
H0349	Troubleshoot or repair level inverters	1.05	5	9	2	2	8	4	1	4	6.11	2
H0350	Troubleshoot or repair line or battery isolation relay assemblies	.98	4	6	2	2	4	5	1	4	6.07	2

H0351	Troubleshoot or repair modems	4.51	55	56	41	24	56	42	16	39	6.28	18
H0352	Troubleshoot or repair modulators or demodulators	4.22	44	48	32	21	47	36	13	33	6.22	12
H0353	Troubleshoot or repair multiplexers or demultiplexers	3.88	50	51	35	22	52	37	16	36	6.22	18

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T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
H0354	Troubleshoot or repair out-of-band signaling and control circuits	.71	7	7	2	3	7	5	2	5	6.34	2
H0355	Troubleshoot or repair power supplies	4.10	44	46	34	25	46	36	18	34	6.07	12
H0356	Troubleshoot or repair series or parallel converters	.85	11	10	2	3	10	5	1	5	6.16	2
H0357	Troubleshoot or repair two wire/four wire conversion and termination circuits	.88	5	9	5	5	8	7	4	7	6.21	2
H0358	Troubleshoot or repair word selectors	.49	2	2	2	1	2	2	0	1	6.10	2
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I	MAINTAINING COMMON OR MISCELLANEOUS SUBASSEMBLIES AND SYSTEMS											
I0359	Adjust analog-to-digital or digital-to-analog converters	2.51	19	24	14	11	22	16	10	16	5.25	7
I0360	Adjust automatic frequency controls (AFCs)	1.98	9	11	5	8	11	9	4	9	5.12	7
I0361	Adjust battery charging systems	1.39	9	13	6	9	12	11	7	10	5.11	2
I0362	Adjust built-in test equipment (BITE)	3.37	40	40	29	18	40	29	13	28	4.79	12
I0363	Adjust carrier-level detectors	1.93	6	11	6	6	10	9	3	8	5.06	7
I0364	Adjust closed circuit video systems (CCVSS)	.73	2	3	3	4	2	5	4	4	5.34	2
I0365	Adjust command destruct systems	.34	3	3	2	1	3	2	1	2	5.30	2
I0366	Adjust countdown clocks	.78	6	5	2	2	5	3	1	3	5.15	2
I0367	Adjust digital recorders or printers	.90	6	7	5	4	6	6	3	5	4.96	2
I0368	Adjust diversity combiners	.85	4	6	2	3	3	6	2	4	5.36	2
I0369	Adjust elapsed-time clocks	.76	3	4	5	2	4	3	1	3	5.20	2
I0370	Adjust equipment alarm circuits or automatic fault sensing and switching networks	1.88	10	14	7	7	15	9	5	9	5.20	7
I0371	Adjust facsimile equipment	.46	4	8	4	3	8	5	2	5	5.19	2
I0372	Adjust fiber-optic systems	2.02	11	13	10	10	12	12	9	11	5.58	7
I0373	Adjust frequency standards	2.68	21	23	18	13	23	20	8	18	5.21	7
I0374	Adjust hybrid bridges	1.00	3	3	1	2	4	2	1	2	5.22	2
I0375	Adjust infrared systems	.54	2	2	2	1	2	2	0	2	5.37	2
I0376	Adjust laser systems	.78	2	2	2	2	3	2	2	2	5.75	2
I0377	Adjust line conditioning equipment	1.68	5	7	6	6	7	7	5	7	5.32	2
I0378	Adjust magnetic data tape recorders	.66	5	5	2	3	4	3	2	3	5.39	2
I0379	Adjust mission console workstations	.54	2	5	3	2	5	4	1	4	5.28	2
I0380	Adjust munitions firing systems	.32	3	3	2	1	3	2	2	2	5.37	2
I0381	Adjust optical disk recorders	.51	2	2	2	1	3	1	1	2	5.36	2
I0382	Adjust optical systems	.73	3	3	2	5	3	4	4	4	5.44	2
I0383	Adjust oscillators	2.80	30	28	22	11	29	20	9	20	5.16	7
I0384	Adjust oscillograph recorders	.37	2	2	2	2	2	2	2	2	5.53	2
I0385	Adjust printers	.68	11	16	14	7	16	12	5	12	5.06	2
I0386	Adjust private branch exchange (PBX) systems or switchboard interface equipment	.68	1	3	2	2	2	3	3	2	5.44	2
I0387	Adjust signaling subsystems	1.24	4	4	2	3	4	3	3	3	5.49	2
I0388	Adjust synthesizers	2.63	17	21	12	9	22	14	4	14	5.00	7
I0389	Adjust transducers	.73	5	6	5	4	5	5	4	5	5.40	2
I0390	Adjust transmit or receive path equalizers	1.40	7	8	2	4	8	5	2	5	5.45	2

I0391	Adjust uninterruptible power supplies (UPSs)	1.80	12	12	9	7	10	10	6	9	5.27	7
I0392	Adjust general purpose power supplies	2.05	19	18	13	13	18	15	12	15	4.77	7

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Tsk Y Nbr	Task Title	TNG EMP	1ST JOB	1ST ENL	2ND ENL	CAR EER	3- LVL	5- LVL	7- LVL	TOT SPL	TSK DIF	ATI
I0393	Calibrate transducers	.76	3	3	2	3	3	3	3	3	5.79	2
I0394	Operate computer processors	1.66	4	11	11	12	9	13	9	11	4.82	2
I0395	Perform PMIs on CCVSs	.46	3	2	1	2	3	1	2	2	4.56	2
I0396	Perform PMIs on command destruct systems	.27	4	4	2	0	4	2	0	2	4.54	2
I0397	Perform PMIs on computer processors	1.02	3	5	2	3	3	5	1	4	4.68	2
I0398	Perform PMIs on countdown clocks	.71	3	3	2	1	3	2	1	2	4.51	2
I0399	Perform PMIs on digital recorders or printers	1.10	2	6	3	2	6	3	2	4	4.60	2
I0400	Perform PMIs on elapsed-time clocks	.59	1	2	2	1	2	2	0	2	4.52	2
I0401	Perform PMIs on infrared systems	.59	2	2	1	1	2	1	0	1	4.53	2
I0402	Perform PMIs on laser systems	.59	4	3	0	1	3	1	1	2	4.90	2
I0403	Perform PMIs on magnetic data tape recorders	.83	2	5	2	3	5	3	3	3	4.89	2
I0404	Perform PMIs on mission console workstations	.59	4	5	2	3	6	3	1	3	4.68	2
I0405	Perform PMIs on munitions firing systems	.27	2	3	2	1	2	2	2	2	4.78	2
I0406	Perform PMIs on optical disk recorder	.51	1	2	1	1	2	1	2	2	4.62	2
I0407	Perform PMIs on optical systems	.66	4	5	2	4	5	4	2	4	4.71	2
I0408	Perform PMIs on oscillograph recorders	.27	1	2	1	1	2	2	1	1	4.66	2
I0409	Perform PMIs on analog-to-digital or digital-to-analog converters	2.15	16	19	11	7	19	13	4	12	4.47	7
I0410	Perform PMIs on attenuator pads	1.44	5	8	3	3	8	5	2	5	3.90	1
I0411	Perform PMIs on automatic or manual transfer units or switching panels	1.24	4	5	2	2	5	4	1	3	4.49	2
I0412	Perform PMIs on BITE	2.34	31	31	24	15	31	25	8	22	4.08	15
I0413	Perform PMIs on distribution frames and associated wiring	1.29	5	8	3	4	7	6	2	5	4.23	2
I0414	Perform PMIs on diversity combiners	1.02	6	6	2	2	6	3	2	4	4.60	2
I0415	Perform PMIs on equipment alarm circuits or automatic fault sensing and switching networks	1.85	7	12	7	6	10	10	4	9	4.30	7
I0416	Perform PMIs on fiber-optic systems	2.02	12	16	9	9	17	12	6	12	4.49	7
I0417	Perform PMIs on frequency standards	2.39	18	20	16	14	20	18	9	17	4.51	7
I0418	Perform PMIs on hybrid bridges	.80	2	3	1	2	2	2	2	2	4.54	2
I0419	Perform PMIs on hybrid term units	.80	2	3	1	1	2	1	1	2	4.55	2
I0420	Perform PMIs on line conditioning equipment	1.05	3	7	4	4	6	6	4	5	4.27	2
I0421	Perform PMIs on magnetic data tape recorders	.68	5	5	2	2	4	3	2	3	4.63	2
I0422	Perform PMIs on magnetic mass storage	.68	3	3	1	1	3	2	1	2	4.68	2
I0423	Perform PMIs on oscillators	1.83	19	18	11	7	18	12	5	12	4.21	7
I0424	Perform PMIs on patch panels	2.22	21	25	14	11	26	17	8	17	3.94	3
I0425	Perform PMIs on printers	.93	10	15	14	8	13	14	6	12	3.99	1
I0426	Perform PMIs on RF combiners	1.56	13	18	10	6	17	13	3	11	4.41	2
I0427	Perform PMIs on remote control devices	.98	8	9	3	4	9	6	3	6	4.06	2
I0428	Perform PMIs on station batteries	1.20	8	11	5	5	10	7	4	7	4.25	2
I0429	Perform PMIs on UPSs	1.51	14	18	11	7	17	13	5	12	4.14	2
I0430	Remove or replace AFCs	1.00	4	4	2	3	4	3	2	3	4.83	2
I0431	Remove or replace analog-to-digital or digital-to-analog converters	2.00	17	20	14	9	19	15	8	14	4.82	7
I0432	Remove or replace attenuators	2.34	26	28	22	15	28	22	11	21	3.80	3
I0433	Remove or replace automatic or manual transfer units or switching panels	1.00	4	7	5	3	7	5	3	5	4.76	2

I0434	Remove or replace battery charging systems	1.00	6	11	6	7	9	9	7	9	4.97	2
I0435	Remove or replace BITE	2.29	28	31	18	13	32	22	8	21	4.50	15
I0436	Remove or replace carrier-level detectors	.95	5	7	3	2	8	4	1	4	4.81	2

D T Tsk Y Nbr	Task Title	TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
		EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
I0437	Remove or replace CCVSS	.88	2	3	2	1	2	2	1	2	4.61	2
I0438	Remove or replace command destruct systems	.63	5	4	2	0	4	1	0	2	4.75	2
I0439	Remove or replace countdown clocks	.54	2	3	2	2	2	3	1	2	4.61	2
I0440	Remove or replace digital recorders or printers	.76	3	7	6	5	6	6	5	6	4.63	2
I0441	Remove or replace elapsed-time clocks	.51	2	3	3	1	2	3	1	2	4.69	2
I0442	Remove or replace equipment alarm circuits or automatic fault sensing and switching networks	1.02	5	8	5	6	7	7	6	7	4.72	2
I0443	Remove or replace fiber-optic system components	1.73	7	11	8	10	12	9	9	10	4.91	2
I0444	Remove or replace frequency standards	2.39	15	16	18	12	15	16	9	14	4.85	7
I0445	Remove or replace hybrid bridges	.95	4	3	2	2	3	2	2	2	4.75	2
I0446	Remove or replace infrared systems	.68	2	2	2	1	1	2	0	1	5.04	2
I0447	Remove or replace laser systems	.68	2	2	1	2	2	2	2	2	5.46	2
I0448	Remove or replace line conditioning equipment	1.02	5	8	3	6	8	6	6	7	4.61	2
I0449	Remove or replace line equalizers	.98	3	5	2	2	4	4	2	3	4.57	2
I0450	Remove or replace magnetic data tape recorders	.83	6	6	3	3	6	4	3	4	4.66	2
I0451	Remove or replace magnetic mass storage	.78	2	2	2	1	1	2	1	1	4.69	2
I0452	Remove or replace mission console workstations	.54	4	7	1	4	7	4	2	4	4.68	2
I0453	Remove or replace mixers	1.27	10	11	6	4	11	6	4	7	4.79	2
I0454	Remove or replace munitions firing systems	.27	2	3	2	1	2	2	1	2	4.81	2
I0455	Remove or replace optical disk recorders	.56	3	2	1	0	3	1	0	1	4.66	2
I0456	Remove or replace optical systems	.68	3	3	1	3	2	3	2	2	5.10	2
I0457	Remove or replace oscillators	1.32	17	22	11	9	21	15	7	15	4.76	2
I0458	Remove or replace oscillograph recorders	.27	2	2	2	1	2	2	1	1	4.70	2
I0459	Remove or replace patch panels	1.93	17	23	14	14	22	18	10	17	5.02	7
I0460	Remove or replace printers	.85	11	16	13	10	13	16	7	13	4.09	2
I0461	Remove or replace remote control devices	.95	8	10	2	4	9	6	3	6	4.53	2
I0462	Remove or replace RF combiners	1.68	16	20	11	9	18	15	6	14	4.88	2
I0463	Remove or replace signaling subsystem components	.95	5	7	2	4	6	5	3	5	4.90	2
I0464	Remove or replace station batteries	.83	12	12	9	6	10	10	5	9	4.62	2
I0465	Remove or replace synthesizers	1.93	21	21	10	7	23	13	5	13	4.72	7
I0466	Remove or replace test translators	1.07	14	13	12	7	13	11	5	10	4.71	2
I0467	Remove or replace transducers	.83	7	7	3	4	6	5	4	5	4.75	2
I0468	Remove or replace UPS components	1.12	6	9	7	8	6	11	6	8	4.69	2
I0469	Remove or replace general purpose power supplies	1.85	17	20	15	15	19	19	13	17	4.23	7
I0470	Troubleshoot attenuators	1.61	16	19	11	10	18	15	6	14	4.61	2
I0471	Troubleshoot or repair AFCs	1.17	2	3	2	4	4	3	3	3	5.68	2
I0472	Troubleshoot or repair analog-to-digital or digital-to-analog converters	1.98	16	20	9	9	18	14	8	14	6.12	7
I0473	Troubleshoot or repair automatic or manual transfer units or switching panels	.98	4	8	3	4	7	6	2	5	6.02	2
I0474	Troubleshoot or repair battery charging systems	.90	7	10	8	8	9	9	8	9	5.71	2
I0475	Troubleshoot or repair BITE	2.17	22	27	21	14	27	22	9	20	5.72	7
I0476	Troubleshoot or repair carrier-level detectors	1.24	5	7	2	2	6	4	1	4	5.87	2
I0477	Troubleshoot or repair CCVSS	.59	2	2	2	1	1	2	1	1	6.09	2
I0478	Troubleshoot or repair command destruct systems	.24	4	3	2	0	3	1	0	1	6.11	2
I0479	Troubleshoot or repair computer processors	.54	5	6	5	5	4	7	2	5	6.45	2
I0480	Troubleshoot or repair countdown clocks	.44	5	3	2	2	3	2	1	2	6.35	2



I0481	Troubleshoot or repair cryptographic equipment	1.22	11	13	11	7	15	10	5	10	6.50	2
I0482	Troubleshoot or repair digital recorders or printers	.54	3	6	5	3	6	5	1	4	6.29	2

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T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK		
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI	
I0483	Troubleshoot or repair distribution frames and associated wiring	1.29	2	6	2	4	5	5	4	5	6.18	2	
I0484	Troubleshoot or repair elapsed-time clocks	.32	1	2	2	1	2	2	1	2	6.14	2	
I0485	Troubleshoot or repair equipment alarm circuits or automatic fault sensing and switching networks	1.12	8	10	2	6	9	6	5	7	6.15	2	
I0486	Troubleshoot or repair facsimile equipment	.44	5	6	3	3	5	4	2	4	6.29	2	
I0487	Troubleshoot or repair fiber-optic systems	1.46	8	14	10	11	15	12	8	12	6.37	2	
I0488	Troubleshoot or repair frequency standards	2.59	13	18	15	11	18	16	7	14	6.26	7	
I0489	Troubleshoot or repair hybrid bridges	.68	2	2	1	2	1	2	2	2	6.23	2	
I0490	Troubleshoot or repair infrared systems	.44	2	2	2	1	2	2	0	1	6.46	2	
I0491	Troubleshoot or repair laser systems	.20	3	2	2	2	2	2	1	2	6.77	2	
I0492	Troubleshoot or repair line conditioning equipment components	.85	6	8	3	5	6	6	4	6	6.14	2	
I0493	Troubleshoot or repair line equalizers	.68	4	4	2	2	4	2	2	3	6.12	2	
I0494	Troubleshoot or repair magnetic data tape recorders	.61	5	5	3	3	5	4	2	4	6.42	2	
I0495	Troubleshoot or repair magnetic mass storage	.39	2	2	2	1	3	1	0	1	6.47	2	
I0496	Troubleshoot or repair mission console workstations	.49	3	6	2	3	7	3	3	4	6.51	2	
I0497	Troubleshoot or repair mixers	1.12	9	12	5	4	11	7	4	7	5.96	2	
I0498	Troubleshoot or repair munitions firing systems	.15	2	2	2	1	2	2	1	2	6.22	2	
I0499	Troubleshoot or repair optical disk recorders	.17	2	2	2	1	2	2	1	2	6.45	2	
I0500	Troubleshoot or repair optical systems	.76	1	3	4	4	2	4	4	4	6.61	2	
I0501	Troubleshoot or repair oscillators	1.59	17	18	11	7	18	11	7	12	6.11	2	
I0502	Troubleshoot or repair oscillograph recorders	.49	2	3	1	1	2	2	1	2	6.41	2	
I0503	Troubleshoot or repair patch panels	3.00	30	30	21	16	29	24	11	22	5.60	15	
I0504	Troubleshoot or repair power distribution panels	1.80	17	18	16	11	17	17	7	14	5.70	7	
I0505	Troubleshoot or repair printers	.80	11	14	14	10	12	14	8	12	5.87	2	
I0506	Troubleshoot or repair remote control devices	.98	7	9	5	4	7	6	4	6	5.94	2	
I0507	Troubleshoot or repair RF combiners	1.59	17	18	13	8	16	16	3	13	5.96	2	
I0508	Troubleshoot or repair signaling subsystems	.73	6	7	4	4	6	5	4	5	6.16	2	
I0509	Troubleshoot or repair synthesizers	1.37	21	21	12	7	20	14	4	13	6.09	2	
I0510	Troubleshoot or repair test translators	.71	20	16	14	7	17	12	4	11	5.99	2	
I0511	Troubleshoot or repair transducers	.49	8	7	3	3	6	5	3	5	6.21	2	
I0512	Troubleshoot or repair UPSs	1.37	9	11	10	9	10	12	7	10	6.17	2	
I0513	Troubleshoot or repair general purpose power supplies	2.51	19	20	19	17	21	20	13	19	5.76	7	
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J	PERFORMING EQUIPMENT OPERATIONS ACTIVITIES												
J0514	Annotate master station or project logs	3.17	28	38	44	28	36	40	21	34	2.33	10	
J0515	Compose and transmit messages using teletype equipment	1.27	12	14	17	9	14	14	7	12	3.30	1	
J0516	Configure antenna tracking systems	3.49	25	29	28	18	28	28	12	24	4.53	11	
J0517	Configure automatic or manual transfer units or switching panels	1.95	7	14	6	7	12	11	4	10	4.83	7	
J0518	Configure computer based data processing equipment	1.41	7	10	10	11	10	11	10	10	5.17	2	
J0519	Configure down-converters or up-converters	5.61	55	53	41	26	55	42	17	39	4.39	18	
J0520	Configure equipment for network operations	3.00	20	21	22	14	21	20	10	18	5.17	7	
J0521	Configure global positioning satellite (GPS) receivers	2.72	20	22	25	18	20	25	12	21	4.88	11	

J0522	Configure modems	6.00	57	58	49	32	61	46	23	45	4.60	18
J0523	Configure multiplexers or demultiplexers	5.68	61	59	48	31	63	46	23	45	4.79	18

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T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
J0524	Configure patch panels	5.80	57	58	50	33	60	49	22	45	4.99	18
J0525	Configure recording equipment	1.29	6	10	11	10	10	12	8	10	4.76	2
J0526	Configure timing equipment	4.27	31	35	31	25	34	31	21	30	5.37	12
J0527	Coordinate operational schedule changes with area controlling agencies	1.54	4	9	11	17	7	16	13	13	5.00	2
J0528	Establish communications links	5.41	50	52	51	33	51	49	22	43	6.05	18
J0529	Establish orderwire contacts	5.27	45	44	39	22	46	36	14	34	5.33	12
J0530	Initiate satellite equipment reports (SERs)	2.98	24	28	28	13	29	23	8	21	4.43	7
J0531	Monitor frequencies, such as to determine interference or equipment operation	2.63	24	30	26	17	28	27	12	24	4.89	15
J0532	Perform post-pass procedures	1.59	7	5	7	5	4	6	4	5	4.69	2
J0533	Perform pre-pass procedures	1.49	7	6	8	5	5	7	4	6	4.67	2
J0534	Perform amplitude linearity tests	1.46	5	6	4	4	5	5	3	4	5.18	2
J0535	Perform audio frequency tests	1.61	10	10	5	4	10	6	4	7	4.62	2
J0536	Perform baseband loading procedures	1.90	7	9	5	2	8	6	1	5	5.07	7
J0537	Perform baseband sweep procedures	2.00	11	14	8	5	13	9	3	9	5.23	7
J0538	Perform bit error rate tests	4.76	49	51	46	30	53	43	22	41	4.90	18
J0539	Perform carrier-to-receiver noise density (C/kT) checks	3.10	14	19	20	13	17	19	9	16	5.76	11
J0540	Perform changeovers between commercial power and back up generators	2.73	21	28	28	14	26	25	9	21	4.63	7
J0541	Perform communications circuit fault isolation procedures	4.27	25	33	32	20	33	30	15	27	5.69	12
J0542	Perform frequency response tests	2.34	15	17	11	10	15	14	8	13	5.87	7
J0543	Perform harmonic distortion tests	1.24	7	8	5	4	6	7	2	5	6.04	2
J0544	Perform idle channel noise tests	1.68	10	10	7	4	8	8	2	7	5.46	2
J0545	Perform loop-back or end-to-end tests	4.24	50	49	38	26	50	39	19	37	5.37	12
J0546	Perform noise figure tests	2.59	31	34	19	11	35	22	5	21	5.77	15
J0547	Perform noise-to-power ratio (NPR) tests	1.59	7	10	9	5	8	10	2	8	5.79	2
J0548	Perform orderwire noise level tests	1.80	12	11	6	3	12	6	3	7	5.51	7
J0549	Perform patch or test facilities alternate circuit routing procedures	2.56	11	13	13	9	14	12	6	11	5.34	7
J0550	Perform receive link gain checks	3.02	14	20	16	10	21	15	8	15	5.41	7
J0551	Perform receive signal level (RSL) checks	4.10	45	47	37	20	50	33	14	33	4.27	12
J0552	Perform RF level checks	3.59	39	39	28	20	40	30	13	28	4.38	12
J0553	Perform satellite acquisition procedures	5.71	46	49	47	25	47	42	17	37	5.09	12
J0554	Perform satellite network operations procedures	3.44	21	23	21	15	21	22	10	19	5.21	11
J0555	Perform satellite tracking procedures	5.34	46	49	43	23	49	39	15	36	4.82	12
J0556	Perform software loading procedures	2.15	11	18	22	16	17	21	11	18	4.55	7
J0557	Perform switchovers of equipment subassemblies to redundant equipment	3.68	26	31	31	21	31	29	15	26	4.40	12
J0558	Perform terminal impedance tests	1.17	11	10	6	3	10	6	2	6	5.18	2
J0559	Perform test tone level tests	2.63	17	16	6	8	17	10	7	11	4.46	7
J0560	Perform transmission line loss measurements	1.93	7	11	8	8	9	10	7	9	4.97	7
J0561	Perform voltage standing wave ratio (VSWR) measurements	2.41	20	22	20	11	21	19	8	17	5.28	7
J0562	Report satellite status to appropriate agencies	2.76	22	20	22	21	28	28	17	26	3.42	10

J0563	Submit after-action reports	2.37	9	17	30	20	14	25	17	20	4.41	7
J0564	Submit gateway access requests	1.15	5	7	13	10	6	11	8	9	4.87	2
J0565	Submit satellite access requests	1.85	12	21	26	16	20	23	14	20	5.08	7

D												
T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
J0566	Update ephemeris sets	1.00	9	15	14	11	15	14	8	13	4.71	2
J0567	Verify operational readiness with ground network or distant terminals	2.85	12	18	19	13	17	17	13	16	4.44	7
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K	PERFORMING EQUIPMENT INSTALLATION AND MISSION SUPPORT ACTIVITIES											
K0568	Adjust kineto tracking mount (KTM) systems	.12	2	1	1	0	1	1	0	1	5.52	2
K0569	Analyze test requirements to determine support such as equipment, facilities, or personnel	.56	5	8	5	12	7	10	13	10	5.96	2
K0570	Assemble and install cable troughs	.71	8	10	9	7	8	9	6	8	4.03	2
K0571	Assemble and install interconnects	1.61	7	9	11	11	8	12	10	10	4.16	2
K0572	Coordinate instrumentation checkouts with other test teams	.85	7	8	5	7	7	8	8	7	4.84	2
K0573	Coordinate project support agreements (PSAs) with appropriate agencies	.29	3	4	3	9	4	5	12	6	5.66	2
K0574	Coordinate test directives with appropriate agencies	.15	6	7	6	9	6	8	9	8	5.58	2
K0575	Coordinate test item or equipment preparation with technical data agencies or engineers	.15	4	7	8	14	7	9	15	10	5.53	2
K0576	Coordinate test parameters with test directors	.39	2	5	5	9	4	7	11	7	5.75	2
K0577	Coordinate test support with base or range agencies	.27	4	7	6	11	4	9	13	9	5.69	2
K0578	Design or construct electronic circuits	.27	6	7	4	7	4	8	6	6	8.03	2
K0579	Design or construct mounting devices	.27	4	7	7	7	5	8	7	7	7.00	2
K0580	Determine power source requirements for equipment operation	.93	7	13	12	12	10	15	12	13	6.67	2
K0581	Draft blueprints, cabling, circuit or wiring schematic diagrams	.15	3	6	4	8	4	8	8	7	8.25	2
K0582	Draft facility layouts	.05	3	3	5	5	3	6	4	4	7.73	2
K0583	Draft systems diagrams	.32	2	6	5	8	2	8	8	7	7.77	2
K0584	Evaluate condition and quality of instrumentation recordings	.12	6	5	3	5	4	4	6	5	7.03	2
K0585	Evaluate test locations	.12	4	5	8	8	3	7	9	7	6.58	2
K0586	Evaluate test safety requirements	.44	8	9	8	13	8	10	15	11	6.39	2
K0587	Fabricate or repair cable connectors	3.05	28	38	41	30	34	40	23	34	5.18	12
K0588	Form and fan equipment cables	1.61	4	9	6	11	8	10	11	9	4.96	2
K0589	Install or remove antenna systems	3.49	34	40	39	22	38	35	18	31	5.14	12
K0590	Install or remove cable ladders	1.49	10	8	5	4	9	5	4	6	4.53	2
K0591	Install or remove cabling between van sites	2.10	18	24	17	10	24	17	8	17	4.12	7
K0592	Install or remove distribution frames and associated wiring	1.02	7	9	6	5	8	7	5	7	5.05	2
K0593	Install or remove electrical conduits	1.20	12	12	5	6	10	9	4	8	4.62	2
K0594	Install or remove fixed communications equipment	2.05	21	17	13	11	19	14	9	14	5.33	7
K0595	Install or remove line conditioning equipment	1.24	7	7	6	7	7	7	6	7	5.03	2
K0596	Install or remove master station grounds	1.98	13	15	15	9	15	13	7	12	4.77	7
K0597	Install or remove power distribution systems	1.63	14	15	11	8	15	11	7	11	5.28	2
K0598	Install or remove power generating equipment	1.71	15	18	14	7	15	14	6	12	5.22	2

K0599	Interpret blueprints, cabling, circuit or wiring schematic diagrams	1.85	23	23	22	21	21	24	19	22	6.28	7
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D T Tsk Y Nbr	Task Title	TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
		EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
K0600	Interpret logic diagrams	1.59	15	15	10	13	17	14	9	13	6.12	2
K0601	Operate KTM systems	.15	1	1	1	0	0	1	0	1	5.23	2
K0602	Operate range radars	.00	2	2	2	0	2	1	0	1	5.58	****
K0603	Operationally check safe and arm devices	.46	2	5	4	2	3	4	2	3	5.08	2
K0604	Perform information system (IS) relocation project or scheme procedures	.17	2	2	1	1	1	2	1	1	6.48	2
K0605	Perform IS removal project or scheme procedures	.17	2	2	1	2	2	2	2	2	6.28	2
K0606	Perform post-installation operational tests	.76	10	11	7	10	10	11	8	10	5.92	2
K0607	Perform pre-implementation surveys	.41	4	4	2	6	3	5	5	4	5.93	2
K0608	Perform project or scheme reviews	.15	5	4	2	5	3	4	6	4	6.22	2
K0609	Perform site survey procedures	2.27	12	21	24	21	21	23	17	21	5.95	7
K0610	Perform static firing of munitions or ordinance devices	.15	5	5	3	2	4	3	1	3	5.57	2
K0611	Prepare job completion documentation	1.76	12	20	26	16	21	20	14	19	4.88	7
K0612	Prepare post-installation documentation	1.17	7	10	11	10	10	11	10	10	5.07	2
K0613	Prepare pre-implementation documentation	.90	7	9	10	9	9	9	9	9	5.16	2
K0614	Prepare project or scheme review documentation	.20	2	4	4	5	4	4	7	4	5.47	2
K0615	Prepare site for equipment installation	1.93	17	21	20	15	23	17	14	18	5.35	7
K0616	Prepare work phase documentation	.44	4	7	5	6	6	7	5	6	5.64	2
K0617	Set up antenna systems	4.78	38	43	38	20	41	35	16	32	5.54	12
K0618	Set up or tear down KTM systems	.44	3	2	2	0	2	1	1	1	5.56	2
K0619	Set up or tear down range radars	.32	3	2	2	0	2	2	0	1	5.61	2
K0620	Site antenna systems	3.76	17	20	22	15	19	21	12	18	5.46	11
K0621	Site KTM systems	.37	2	2	2	0	2	1	0	1	5.59	2
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L	PERFORMING MAINTENANCE MANAGEMENT ACTIVITIES											
L0622	Adjust daily maintenance plans to meet operational commitments	.90	14	15	12	27	13	20	29	20	5.35	2
L0623	Analyze core automated maintenance system (CAMS), Reliability and Maintainability Information System (REMIS), Improved Maintenance Management Program (IMMP), or GO81 data	1.27	18	23	24	27	22	25	28	25	5.65	2
L0624	Clear Red-X or hazardous conditions	.80	5	7	7	9	6	9	8	8	5.87	2
L0625	Develop equipment inventory listings (EILs) and master PMI listings	.95	10	14	23	23	14	19	24	19	5.67	2
L0626	Evaluate new, modified, or prototype equipment	.37	9	9	14	23	7	17	24	16	6.88	2
L0627	Identify problem areas using deficiency, service, or status reports, such as reports of deficiency (RODs) or product quality deficiency reports (PQDRs), other than equipment or supply	1.07	10	13	25	31	12	24	34	23	6.15	2
L0628	Initiate or annotate aircraft flight or maintenance records, such as AFTO Forms 781 (Aircrew/Mission Flight Data Document) or 349 (Maintenance Data Collection Record)-series	1.05	4	7	12	12	5	13	10	10	5.53	2
L0629	Initiate or coordinate deficiency, service, or status	.85	7	12	26	28	12	22	28	21	5.75	2



reports, such as RODs or PQDRs

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T Tsk			TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title		EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
L0630	Maintain due-in-from-maintenance (DIFM) transaction reports		1.68	9	19	30	26	17	26	25	23	5.18	2
L0631	Perform time compliance technical order (TCTO) inspections		2.46	31	36	39	30	34	38	25	34	5.43	15
L0632	Report equipment status to appropriate agencies		2.02	24	33	39	39	33	38	37	36	4.19	15
L0633	Retrieve CAMS, REMIS, IMMP, or GO81 listings or reports		1.59	29	38	47	40	39	42	38	40	4.68	14
L0634	Review aircraft flight or maintenance records, such as AFTO Forms 781 or 349-series		.46	4	6	11	11	4	11	11	9	4.91	2
L0635	Review preventive maintenance schedules		2.85	30	43	51	41	39	48	39	43	4.08	15
L0636	Update EIL and master PMI listings		1.10	10	23	35	32	21	31	31	28	4.58	2
L0637	Update manual documents, such as AFTO Form 349 (Maintenance Data Collection Record)		2.71	10	26	36	28	25	32	24	28	4.34	7
L0638	Update historical reports in CAMS, REMIS, IMMP, or GO81		2.27	23	36	48	34	36	41	28	37	4.41	15
L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81		2.73	24	34	45	32	33	40	26	35	4.41	15
L0640	Update personnel data files in CAMS, REMIS, IMMP, or GO81		1.68	32	40	47	41	41	42	39	41	4.51	14
L0641	Update workcenter training reports in CAMS, REMIS, IMMP, or GO81		1.37	22	32	41	38	31	37	38	36	4.59	14
L0642	Verify accuracy of CAMS, REMIS, IMMP, or GO81 daily inputs		1.63	21	27	38	41	27	37	40	35	4.61	2
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M	PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES												
M0643	Compile data for records, reports, logs, or trend analyses		.85	19	24	29	38	23	29	42	31	5.18	2
M0644	Complete accident or incident reports		1.15	26	30	33	37	28	35	35	33	4.53	14
M0645	Destroy classified materials or documents		3.15	40	50	59	45	51	51	42	49	3.99	13
M0646	Establish or maintain automated technical order management system (ATOMS) accounts		1.07	11	17	29	17	17	20	19	19	4.76	2
M0647	Establish or maintain accountability records for classified materials or documents		1.49	12	19	28	28	20	25	27	24	5.05	2
M0648	Identify and report suspected security compromises		2.95	23	31	39	40	32	36	42	36	4.69	15
M0649	Initiate classified reports, messages, or documents		1.05	9	15	23	20	12	20	24	19	5.30	2
M0650	Initiate technical order (TO) improvement reports, such as AFTO Forms 22 (Technical Order Improvement Report and Reply)		2.24	15	30	45	35	29	40	29	34	4.41	15
M0651	Initiate or maintain standby rosters or workcenter pyramid recall rosters		.71	13	23	27	42	24	27	50	32	3.67	1
M0652	Initiate requests for temporary duty (TDY) orders		.46	7	8	20	37	7	20	49	23	4.39	2
M0653	Inventory classified materials or documents		2.27	26	40	50	41	40	43	39	42	4.12	15
M0654	Maintain administrative files		1.05	12	20	29	45	21	29	53	32	4.03	2
M0655	Maintain publications libraries other than TO		1.46	14	22	28	28	21	28	28	26	4.01	2

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M0656	Maintain time compliance technical orders (TCTOs)	1.54	19	28	32	22	26	28	21	26	4.09	2
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T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
M0657	Maintain TO libraries	2.27	26	36	40	27	37	33	25	32	4.20	15
M0658	Maintain or update status indicators, such as boards, graphs, or charts	.71	12	20	33	35	20	29	40	29	3.84	1
M0659	Participate in TCTO meetings	.59	4	6	6	10	6	6	12	8	3.93	1
M0660	Prepare administrative or classified materials or documents for mailing, transporting, or issue	.93	7	10	13	27	9	15	33	18	4.49	2
M0661	Review TO changes	1.73	28	36	41	29	37	34	29	33	3.92	4
M0662	Review TO improvement reports, such as AFTO Forms 22	1.32	19	23	25	28	23	25	31	26	4.28	2
M0663	Write minutes of briefings, conferences, or meetings	.63	6	10	16	34	8	19	43	22	4.06	2
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N	PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES											
N0664	Coordinate maintenance of equipment with appropriate agencies	1.22	18	26	35	46	25	36	49	36	4.31	2
N0665	Develop equipment checklists	1.59	18	22	32	34	21	31	32	29	5.13	2
N0666	Establish requirements for equipment, tools, parts or supplies	.80	17	24	32	37	22	31	42	31	5.00	2
N0667	Evaluate serviceability of equipment, tools, parts, or supplies	2.54	34	37	35	46	37	40	48	41	4.65	15
N0668	Identify and report equipment or supply problems	1.56	34	37	39	48	39	40	52	42	4.72	14
N0669	Initiate requisitions for equipment, tools, parts, or supplies	2.02	21	27	36	42	27	37	41	35	4.27	7
N0670	Inventory equipment, tools, parts, or supplies	2.88	50	58	61	47	58	56	42	53	3.50	8
N0671	Issue or log turn-ins of equipment, tools, parts, or supplies	1.95	27	33	36	35	35	36	32	35	3.76	5
N0672	Maintain documentation on items requiring periodic inspections or calibrations	1.78	26	30	37	32	31	35	26	32	4.06	15
N0673	Maintain organizational equipment or supply records	1.76	13	20	32	31	19	29	31	27	4.17	7
N0674	Pick up, deliver, or store equipment, tools, parts, or supplies	1.88	43	45	38	39	47	41	36	41	3.20	5
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O	PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES											
O0675	Assign personnel to mobility or contingency positions	.29	2	2	11	21	2	9	28	12	4.26	2
O0676	Brief deploying personnel	.41	2	3	16	22	2	14	25	13	4.22	2
O0677	Compile or prepare status of resources training systems (SORTSs)	.39	2	5	8	17	4	8	25	11	5.34	2
O0678	Complete operations plan (OPLAN) sourcing requirements	.32	2	1	3	7	1	2	11	4	5.98	2
O0679	Compute OPLAN requirements status listings	.37	2	1	2	5	1	2	8	3	5.82	2
O0680	Conduct contingency operation or mobility planning and execution system (COMPES) programs	.17	2	3	6	7	2	5	8	5	5.95	2
O0681	Conduct mobility or deployment site surveys	1.85	6	14	26	20	16	19	21	19	5.67	7
O0682	Configure mobile vans	2.24	21	29	29	17	30	25	13	24	5.54	7
O0683	Coordinate area port joint inspections with area port squadrons	.10	3	2	4	4	2	2	6	3	5.35	2



D													
T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK		
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI	
00684	Coordinate deployment of personnel with other MAJCOMS or joint service commands	.17	3	2	3	10	2	2	16	5	5.90	2	
00685	Coordinate exercise sourcing requirements with functional managers	.17	2	2	2	9	2	2	15	5	5.74	2	
00686	Coordinate limited technical inspection (LTI) vehicle inspections with vehicle maintenance	.41	3	6	8	4	5	5	5	5	4.89	2	
00687	Coordinate mobility or contingency requirements with appropriate agencies	.44	2	3	7	13	3	5	20	8	5.71	2	
00688	Coordinate specific source of personnel requirements with appropriate agencies	.20	2	2	5	11	1	3	17	6	5.59	2	
00689	Determine cost factors for support agreements	.22	2	2	2	8	1	3	13	5	6.45	2	
00690	Determine specific source of personnel requirements for deployment manning documents	.32	2	2	4	8	2	3	12	5	6.07	2	
00691	Develop contingency exercise mobility (CEM) orders	.29	2	2	2	2	2	1	4	2	5.87	2	
00692	Develop cut sheets	2.24	9	18	23	18	17	20	17	18	6.31	7	
00693	Develop maintenance plans	1.00	3	6	10	17	5	11	19	12	6.08	2	
00694	Develop mobility inspection checklists	1.37	4	7	17	14	5	13	17	12	5.65	2	
00695	Dig trenches, such as around tents and shelters	1.46	18	20	22	11	21	18	8	16	2.00	1	
00696	Don or doff chemical warfare personal protective clothing	2.93	26	33	41	32	32	35	32	34	3.15	5	
00697	Draft mobility or deployment after-action reports	.83	2	6	21	21	6	16	23	15	4.97	2	
00698	Initiate or process acquisition documents, such as requests for proposals (RFPs)	.46	1	1	3	4	1	2	5	3	5.72	2	
00699	Initiate or process modification management documents (MMDs)	.46	2	1	2	2	1	2	3	2	6.10	2	
00700	Inspect cut sheets	2.85	18	25	29	21	24	25	21	24	5.51	7	
00701	Inspect launch support systems	.00	2	2	1	2	2	2	1	2	5.40	****	
00702	Inspect mobility bags or kits	1.98	23	29	31	23	29	28	21	26	3.20	3	
00703	Inspect packed or palletized mobility or contingency equipment prior to transport	2.29	12	20	23	19	19	21	21	20	4.52	7	
00704	Install ground systems at deployed locations	2.83	21	27	32	17	27	25	15	23	3.86	3	
00705	Load plan aircraft for deployments	.98	2	4	5	4	3	5	4	4	6.34	2	
00706	Maintain disaster preparedness checklists	1.00	7	12	21	16	13	15	17	15	4.18	2	
00707	Maintain accountability of personnel selected to fill OPLAN requirements	.29	1	2	3	8	2	3	12	5	4.62	2	
00708	Maintain base OPLAN files	.07	1	2	0	2	1	2	3	2	4.90	2	
00709	Pack or palletize mobility or contingency equipment for shipment or movement such as, airlift, road, or sealift	2.49	22	30	32	22	29	29	20	27	5.14	15	
00710	Perform camouflage procedures	2.61	27	34	35	20	34	30	16	28	4.29	15	
00711	Perform camp security	2.20	22	30	29	20	31	26	17	25	3.79	5	
00712	Perform chemical warfare agent decontamination procedures	2.66	23	30	32	21	31	27	18	26	4.22	15	
00713	Perform disease or pestilence countermeasures	1.61	12	12	8	9	11	10	8	10	4.35	2	
00714	Perform explosive ordnance reconnaissance	2.20	19	19	24	15	20	19	15	18	3.99	3	
00715	Perform pallet buildup activities	2.41	34	34	29	19	34	27	19	27	4.46	15	
00716	Perform path profile procedures	1.46	4	5	11	10	5	8	8	8	5.52	2	

O0717	Perform plans file and mobility file matches	.49	2	3	6	4	3	4	4	4	4.52	2
O0718	Perform predeployment reconnaissance surveys	1.10	5	7	10	8	6	8	9	8	5.10	2
O0719	Perform site surveys for ground systems	1.90	11	17	23	17	18	18	17	18	5.00	7

D												
T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
00720	Perform source selection evaluation team (SSET) activities	.27	1	2	1	3	2	2	3	2	5.38	2
00721	Perform cover and concealment techniques for work party security	1.66	16	15	17	11	17	13	8	13	4.15	2
00722	Perform or set up site security	1.95	25	28	23	18	28	23	15	23	4.36	7
00723	Submit or process award fees	.02	1	2	2	4	2	2	6	3	5.50	2
00724	Submit or process requirement documents	.05	2	3	7	8	4	5	10	6	5.48	2
00725	Prepare equipment for deployments	2.39	26	30	34	19	30	28	16	26	5.04	15
00726	Submit or process incentive fees	.00	1	2	2	2	1	3	1	2	5.32	****
00727	Prepare sites at deployed locations, such as cutting grass or removing snow	1.54	12	19	17	11	19	17	8	15	2.49	1
00728	Process classified materials or documents at deployed locations	1.59	7	13	15	14	10	15	14	13	4.87	2
00729	Provide OPLAN requirements status listings to unit commanders	.20	2	1	4	5	1	3	7	3	5.33	2
00730	Request or distribute mobility requirements documents	.07	4	5	9	9	5	6	13	7	4.57	2
00731	Review contract action requests (CARs)	.07	2	1	2	4	1	1	6	2	5.54	2
00732	Review engineer change proposals (ECPs)	.27	2	1	2	6	2	2	9	4	5.95	2
00733	Review requirement documents	.41	3	5	6	11	6	6	13	8	5.39	2
00734	Set up or tear down shelters	3.22	35	38	30	20	36	30	17	28	4.13	12
00735	Set up or tear down tents	2.83	36	39	37	22	38	33	20	31	3.39	5
00736	Tear down, inspect, clean, and reassemble weapons	2.51	24	32	32	21	32	27	21	27	3.75	5
00737	Test ground systems at deployed locations	3.12	20	24	26	15	24	21	15	20	4.11	11
00738	Update SORTS reports	.44	5	8	13	17	9	11	22	13	5.12	2
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P	PERFORMING TRAINING ACTIVITIES											
P0739	Administer or score tests	.49	2	4	26	27	4	25	18	18	3.09	1
P0740	Brief personnel concerning training programs or matters	.71	2	10	30	46	6	33	48	29	3.99	1
P0741	Complete student entry or withdrawal forms	.34	3	3	11	16	3	13	12	10	3.51	1
P0742	Conduct formal course classroom training	.56	4	7	9	13	8	11	10	10	5.21	2
P0743	Conduct on-the-job training (OJT)	2.07	27	42	65	56	43	58	48	52	5.10	15
P0744	Counsel trainees on training progress	1.10	4	10	50	57	10	44	54	37	4.60	2
P0745	Determine training requirements	1.29	7	10	35	51	10	35	52	33	5.22	2
P0746	Develop formal course curricula, plans of instruction (POIs), or specialty training standards (STSs)	.15	2	3	11	13	3	9	12	8	6.40	2
P0747	Develop training programs, plans, or procedures	.68	7	10	26	41	8	28	42	26	6.24	2
P0748	Develop written tests	.59	2	3	8	17	3	12	13	10	6.08	2
P0749	Develop or procure training materials or aids	.68	4	9	21	30	9	23	28	20	5.62	2
P0750	Establish or maintain study reference files	.95	2	5	12	16	5	12	17	11	5.00	2
P0751	Evaluate training methods or techniques of instructors	.76	1	5	13	16	4	11	20	11	5.73	2
P0752	Evaluate effectiveness of training programs, plans, or procedures	.59	2	5	18	30	4	18	35	18	5.88	2
P0753	Evaluate progress of trainees	1.29	2	9	44	51	8	38	50	33	4.96	2
P0754	Inspect training materials or aids for operation or	1.02	0	4	18	26	2	16	20	16	5.05	2



suitability

P0755 Maintain training records or files

2.24 18 31 55 56 29 51 54 46 4.57 15

D												
T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
P0756	Personalize lesson plans	1.22	1	4	17	22	6	16	21	14	4.87	2
P0757	Prepare job qualification standards (JQSS)	.54	2	9	31	29	8	24	29	21	5.64	2
P0758	Write training reports	.39	1	2	11	15	3	9	17	9	5.47	2
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Q	PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES											
Q0759	Annotate time and attendance sheets for civilian employees	.24	1	1	3	3	1	2	4	2	3.68	1
Q0760	Assign personnel to work areas or duty positions	.59	1	3	13	38	2	16	50	20	4.51	2
Q0761	Assign sponsors for newly assigned personnel	.54	0	1	9	34	2	12	46	17	3.13	1
Q0762	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	.39	4	4	12	42	4	17	55	23	4.46	2
Q0763	Conduct self-inspections or self-assessments	1.59	10	16	29	50	16	30	60	34	4.58	2
Q0764	Conduct staff assistance visits, inspections, or audits	.56	1	1	7	19	2	7	27	10	5.38	2
Q0765	Conduct supervisory performance feedback sessions	.41	0	1	40	58	2	34	63	33	4.85	2
Q0766	Conduct safety inspections of equipment or facilities	1.61	9	13	26	41	13	27	47	28	4.55	2
Q0767	Conduct supervisory orientations for newly assigned personnel	.56	2	2	27	50	2	27	57	28	4.32	2
Q0768	Counsel subordinates concerning personal matters	.76	2	3	45	63	4	39	66	36	5.17	2
Q0769	Determine or establish logistics requirements, such as personnel, equipment, tools, parts, supplies, or workspace	.59	3	3	18	42	2	18	55	23	5.52	2
Q0770	Determine or establish work assignments or priorities	1.02	2	3	35	53	4	30	59	30	5.16	2
Q0771	Develop organizational or functional charts	.49	2	2	8	22	2	9	29	12	4.72	2
Q0772	Develop resource protection programs	.20	2	1	4	11	2	4	16	6	5.08	2
Q0773	Develop self-inspection or self-assessment program checklists	.83	2	4	11	25	3	13	32	15	5.39	2
Q0774	Develop inputs to mobility, contingency, disaster preparedness, or unit emergency or alert plans	.39	2	3	13	17	3	9	23	11	5.10	2
Q0775	Develop or establish work methods or procedures	.71	2	6	18	34	5	19	40	20	5.65	2
Q0776	Develop or establish work schedules	.66	1	4	24	45	3	23	56	26	4.65	2
Q0777	Draft budget requirements	.00	1	1	3	28	1	5	44	13	6.72	****
Q0778	Draft host-tenant or interservice agreements	.00	1	1	2	6	0	2	9	3	6.99	****
Q0779	Draft supplements or changes to directives, such as policy directives, instructions, or manuals	.29	1	1	4	18	0	5	28	9	6.34	2
Q0780	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	.34	1	3	8	30	3	11	41	16	6.36	2
Q0781	Establish performance standards for subordinates	.93	0	2	32	51	2	29	56	28	5.12	2
Q0782	Establish procedures for accountability of equipment, tools, parts, or supplies	.76	7	11	21	33	11	21	38	22	4.78	2
Q0783	Evaluate inspection report findings or inspection procedures	.68	2	3	14	37	2	16	48	20	5.26	2
Q0784	Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) Program	1.85	7	11	26	45	12	27	51	29	5.17	7

Q0785	Evaluate personnel for compliance with performance standards	1.27	1	4	35	59	4	35	63	33	4.77	2
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T Tsk		TNG	1ST	1ST	2ND	CAR	3-	5-	7-	TOT	TSK	
Y Nbr	Task Title	EMP	JOB	ENL	ENL	EER	LVL	LVL	LVL	SPL	DIF	ATI
Q0786	Evaluate personnel for promotion, demotion, reclassification, or special awards	.90	1	2	29	50	2	28	54	28	5.11	2
Q0787	Evaluate maintenance or utilization of equipment, tools, parts, supplies, or workspace	1.07	3	7	23	44	7	24	52	26	5.10	2
Q0788	Implement safety or security programs	1.07	7	12	21	40	13	24	44	26	4.86	2
Q0789	Initiate personnel action requests	.51	1	1	8	24	1	10	29	12	4.90	2
Q0790	Initiate actions required due to substandard performance of personnel	.51	0	1	20	43	1	23	47	23	5.35	2
Q0791	Inspect personnel for compliance with military standards	1.07	8	10	49	61	10	41	65	39	4.17	2
Q0792	Interpret policies, directives, or procedures for subordinates	.51	2	4	32	53	4	30	58	30	4.91	2
Q0793	Investigate accidents or incidents	.44	0	1	14	25	1	13	29	14	5.09	2
Q0794	Plan layouts of facilities	.17	2	1	6	16	1	7	21	9	5.96	2
Q0795	Review budget requirements	.12	1	1	5	28	0	7	43	14	6.06	2
Q0796	Review host-tenant or interservice agreements	.12	1	1	3	14	1	3	21	7	6.50	2
Q0797	Review mobility, contingency, disaster preparedness, or unit emergency or alert plans	.66	1	5	17	21	5	13	25	14	5.30	2
Q0798	Review drafts of supplements or changes to directives, such as policy directives, instructions, or manuals	.51	2	3	8	28	4	10	39	15	5.47	2
Q0799	Schedule personnel for TDY assignments, leaves, or passes	.24	1	2	17	45	2	19	58	24	4.77	2
Q0800	Write inspection reports	.32	2	2	12	30	1	12	39	16	5.61	2
Q0801	Write job or position descriptions	.39	3	3	14	32	3	14	42	18	5.64	2
Q0802	Write staff studies, surveys, or routine reports, other than training or inspection reports	.17	2	2	5	18	2	7	24	10	6.13	2
Q0803	Write or indorse civilian performance appraisals	.27	1	1	2	2	1	1	3	1	5.76	2
Q0804	Write or indorse military performance reports	.51	1	1	35	57	2	32	62	31	5.84	2
Q0805	Write recommendations for awards or decorations	.78	0	1	38	62	2	35	67	34	5.98	2
Q0806	Write replies to inspection reports	.98	2	1	21	43	1	21	51	23	5.39	2



Number of Members: 377

gp0020

Satellite, Wideband, And Telemetry Systems  
Reported AFSC(s): 2E1X1

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

## Duty Level Job Description

Duty		Number of Tasks in Duty	Sorted Average Percent Time Spent by All Members	Cumulative Average Percent Time Spent by All Members
A	PERFORMING GENERAL REPAIR ACTIVITIES	54	21.75	21.76
B	MAINTAINING FIXED AND MOBILE ANTENNA SYSTEMS	54	11.71	33.47
J	PERFORMING EQUIPMENT OPERATIONS ACTIVITIES	54	9.93	43.41
H	MAINTAINING MULTIPLEXERS, MODEMS, AND ASSOCIATED INTERFACE EQUIPMENT	78	8.71	52.12
I	MAINTAINING COMMON OR MISCELLANEOUS SUBASSEMBLIES AND SYSTEMS	155	7.15	59.27
D	MAINTAINING RECEIVERS AND DOWNLINK SYSTEMS	34	6.98	66.26
O	PERFORMING MOBILITY AND CONTINGENCY ACTIVITIES	64	5.21	71.47
E	MAINTAINING TRANSMITTERS AND UPLINK SYSTEMS	34	4.85	76.33
L	PERFORMING MAINTENANCE MANAGEMENT ACTIVITIES	21	4.01	80.34
K	PERFORMING EQUIPMENT INSTALLATION AND MISSION SUPPORT ACTIVITIES	54	3.63	83.98
M	PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	21	3.49	87.47
F	MAINTAINING AIR FORCE SATELLITE COMMUNICATION (AFSATCOM) AND MILSTAR SYSTEMS	66	3.38	90.84
N	PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	11	2.84	93.68
C	MAINTAINING TRACKING SYSTEMS	27	2.83	96.51
P	PERFORMING TRAINING ACTIVITIES	20	1.66	98.17
Q	PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	48	1.23	99.41
G	PERFORMING AIRCREW ACTIVITIES	11	.59	100.00



Number of Members: 377

gp0020

Satellite, Wideband, And Telemetry Systems  
Reported AFSC(s): 2E1X1

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

## Task Level Job Description

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted		Task Seq Num
				Avg Pct Time Spent by All Members	Cumulative Avg Pct Time Spent by All Members	
A0022	Perform system power-downs	86.74	1.28	1.11	1.11	
A0023	Perform system power-ups	86.47	1.27	1.10	2.21	
A0016	Operationally check system or test equipment	74.01	1.28	.95	3.16	
A0017	Perform corrosion control	79.05	1.12	.89	4.05	
A0031	Remove or replace air filters	78.78	1.03	.81	4.86	5
A0024	Perform preventive maintenance inspections (PMIs) on CCAs	67.64	1.19	.80	5.66	
B0064	Perform PMIs on antenna systems	71.62	1.08	.77	6.43	
A0034	Remove or replace CCAs	76.39	.99	.76	7.19	
A0038	Remove or replace light bulbs	84.88	.85	.72	7.91	
A0007	Fabricate or repair equipment cables	68.97	.99	.68	8.59	10
A0015	Install equipment grounds	65.25	1.01	.66	9.25	
B0105	Visually inspect antennas	67.64	.94	.64	9.88	
N0670	Inventory equipment, tools, parts, or supplies	57.56	1.09	.63	10.51	
D0145	Perform PMIs on down-converters	66.05	.93	.61	11.12	
A0013	Install communications equipment	60.48	.99	.60	11.72	15
J0524	Configure patch panels	58.36	.98	.57	12.29	
A0039	Remove or replace minor plug-in or screw-in electronic components	71.88	.79	.57	12.86	
A0021	Perform system diagnostics	55.44	1.01	.56	13.42	
A0018	Perform end-to-end check-outs	46.68	1.15	.54	13.96	
J0523	Configure multiplexers or demultiplexers	58.89	.91	.54	14.50	20
A0030	Remove electronic communications equipment	61.54	.87	.54	15.03	
P0743	Conduct on-the-job training (OJT)	42.18	1.27	.54	15.57	
J0522	Configure modems	57.56	.92	.53	16.10	
A0002	Adjust circuit card assemblies (CCAs)	66.05	.79	.52	16.62	
D0138	Adjust down-converters	64.72	.81	.52	17.14	25
A0026	Perform PMIs on equipment grounds	52.79	.97	.51	17.66	
A0004	Adjust equipment grounds	66.31	.77	.51	18.17	
B0060	Assemble or disassemble antennas	55.97	.91	.51	18.68	
D0135	Adjust amplifiers	50.74	.82	.51	19.19	



H0315	Perform PMIs on multiplexers and demultiplexers	57.03	.89	.50	19.69	30
L0635	Review preventive maintenance schedules	42.71	1.18	.50	20.20	
A0037	Remove or replace equipment grounds	65.25	.77	.50	20.69	

Number of Members: 377

gp0020

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
J0519	Configure down-converters or up-converters	53.32	.93	.49	21.19	
D0144	Perform PMIs on amplifiers	59.68	.81	.49	21.68	
A0011	Inspect waveguides	63.66	.76	.48	22.16	35
E0179	Perform PMIs on up-converters	59.95	.80	.48	22.64	
H0314	Perform PMIs on modems	54.11	.87	.47	23.11	
B0108	Visually inspect waveguides	64.99	.73	.47	23.59	
D0147	Perform PMIs on receivers	55.97	.84	.47	24.06	
B0063	Perform PMIs on antenna status equipment	54.11	.85	.46	24.52	40
J0528	Establish communications links	51.72	.88	.46	24.97	
J0545	Perform loop-back or end-to-end tests	49.07	.92	.45	25.42	
B0065	Perform PMIs on antennas, other than antenna systems	49.87	.91	.45	25.88	
E0173	Adjust up-converters	58.36	.77	.45	26.33	
J0553	Perform satellite acquisition procedures	48.54	.89	.43	26.76	45
A0046	Troubleshoot or repair cable assemblies or internal wiring	49.60	.87	.43	27.19	
A0028	Perform PMIs on cable assemblies or internal wiring	46.95	.92	.43	27.62	
A0027	Perform PMIs on equipment safety devices	48.81	.88	.43	28.06	
D0150	Remove or replace down-converters	61.01	.71	.43	28.49	
A0054	Visually inspect safety cables	53.58	.79	.43	28.91	50
A0047	Troubleshoot or repair CCAs	48.81	.86	.42	29.33	
H0292	Adjust modems	53.32	.78	.42	29.75	
J0538	Perform bit error rate tests	51.46	.81	.42	30.17	
A0012	Install cable assemblies or internal wiring	48.01	.86	.41	30.58	
L0633	Retrieve CAMS, REMIS, IMMP, or GO81 listings or reports	38.46	1.06	.41	30.99	55
M0645	Destroy classified materials or documents	49.87	.82	.41	31.39	
J0514	Annotate master station or project logs	38.46	1.05	.40	31.80	
B0106	Visually inspect feedhorn assemblies	56.76	.71	.40	32.20	
L0640	Update personnel data files in CAMS, REMIS, IMMP, or GO81	39.52	1.01	.40	32.60	
A0043	Solder or desolder connectors or hardwire circuits	42.97	.93	.40	33.00	60
H0304	Operate modulators or demodulators	49.07	.81	.40	33.40	
A0033	Remove or replace cable assemblies or internal wiring	54.64	.72	.39	33.79	
A0001	Adjust cable assemblies or internal wiring	51.19	.76	.39	34.18	
B0074	Remove or replace antennas	46.42	.84	.39	34.57	
D0148	Remove or replace amplifiers	54.64	.71	.39	34.96	65
H0351	Troubleshoot or repair modems	56.23	.68	.38	35.35	
H0294	Adjust multiplexers or demultiplexers	51.46	.75	.38	35.73	
H0335	Remove or replace power supplies	58.09	.66	.38	36.11	
J0555	Perform satellite tracking procedures	48.81	.78	.38	36.49	
K0617	Set up antenna systems	42.97	.89	.38	36.88	70
M0653	Inventory classified materials or documents	39.52	.95	.37	37.25	
J0551	Perform receive signal level (RSL) checks	46.95	.80	.37	37.63	
O0735	Set up or tear down tents	38.99	.93	.36	37.99	
N0674	Pick up, deliver, or store equipment, tools, parts, or supplies	44.83	.80	.36	38.35	

E0201	Troubleshoot or repair up-converters	54.91	.65	.36	38.71	75
D0137	Adjust automatic gain controls (AGCs)	49.34	.72	.35	39.06	
B0055	Adjust antenna status equipment	51.72	.68	.35	39.41	

Number of Members: 377

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
H0331	Remove or replace modems	56.23	.62	.35	39.76	
H0353	Troubleshoot or repair multiplexers or demultiplexers	51.46	.67	.35	40.11	
J0529	Establish orderwire contacts	44.30	.78	.34	40.45	80
P0755	Maintain training records or files	31.03	1.09	.34	40.79	
B0059	Assemble feedhorn assemblies	46.95	.72	.34	41.13	
A0005	Adjust user-calibrated test equipment	37.93	.89	.34	41.46	
H0293	Adjust modulators or demodulators	47.48	.71	.34	41.80	
E0178	Perform PMIs on transmitters	46.95	.71	.33	42.13	85
E0177	Perform PMIs on high-voltage power supplies	47.48	.69	.33	42.46	
L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81	34.48	.95	.33	42.79	
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	50.93	.64	.32	43.11	
H0307	Perform modem bit error rate tests	45.09	.72	.32	43.44	
A0050	Troubleshoot or repair light bulbs	50.66	.63	.32	43.76	90
B0079	Remove or replace feedhorn assemblies	46.15	.69	.32	44.07	
H0310	Perform PMIs on modulators or demodulators	42.97	.73	.31	44.39	
E0182	Remove or replace dummy loads	50.40	.62	.31	44.70	
O0709	Pack or palletize mobility or contingency equipment for shipment or movement such as, airlift, road, or sealift	29.71	1.04	.31	45.01	
N0667	Evaluate serviceability of equipment, tools, parts, or supplies	36.60	.84	.31	45.32	95
D0143	Adjust receivers	48.01	.64	.31	45.62	
B0068	Remove or replace antenna drive equipment	47.21	.64	.30	45.93	
F0206	Configure Air Force Satellite Communications (AFSATCOM) terminal equipment	33.69	.89	.30	46.23	
K0589	Install or remove antenna systems	39.52	.75	.30	46.52	
A0049	Troubleshoot or repair equipment grounds	51.19	.57	.29	46.82	100
E0174	Adjust high-voltage power supplies	46.15	.63	.29	47.11	
K0587	Fabricate or repair cable connectors	37.93	.77	.29	47.40	
O0715	Perform pallet buildup activities	34.48	.83	.29	47.69	
B0104	Visually inspect antenna reflector sections	47.21	.60	.29	47.97	
O0725	Prepare equipment for deployments	30.24	.94	.28	48.26	105
A0053	Visually inspect guidewires	45.36	.63	.28	48.54	
D0161	Troubleshoot or repair amplifiers	42.97	.66	.28	48.83	
H0333	Remove or replace multiplexers or demultiplexers	48.81	.58	.28	49.11	
L0632	Report equipment status to appropriate agencies	32.63	.86	.28	49.39	
O0710	Perform camouflage procedures	33.69	.83	.28	49.67	110
H0352	Troubleshoot or repair modulators or demodulators	48.01	.58	.28	49.95	
M0657	Maintain TO libraries	35.81	.78	.28	50.23	
H0296	Adjust power supplies	42.18	.66	.28	50.51	
J0526	Configure timing equipment	34.75	.80	.28	50.78	
A0032	Remove or replace blower motors	46.68	.59	.27	51.06	115
B0093	Troubleshoot or repair antenna systems	49.34	.56	.27	51.33	
O0724	Set up or tear down shelters	27.67	.72	.27	51.61	

A0044	Troubleshoot user-calibrated test equipment	27.59	.99	.27	51.88
L0638	Update historical reports in CAMS, REMIS, IMMP, or GO81	35.81	.75	.27	52.15

Number of Members: 377

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
C0130	Troubleshoot or repair tracking down-converters	44.56	.60	.27	52.42	120
J0546	Perform noise figure tests	34.22	.79	.27	52.69	
N0668	Identify and report equipment or supply problems	37.40	.72	.27	52.96	
N0671	Issue or log turn-ins of equipment, tools, parts, or supplies	33.42	.80	.27	53.22	
J0552	Perform RF level checks	38.73	.68	.26	53.49	
B0107	Visually inspect QRAs	38.73	.68	.26	53.75	125
B0089	Troubleshoot or repair antenna drive equipment	47.75	.55	.26	54.01	
N0664	Coordinate maintenance of equipment with appropriate agencies	25.73	1.01	.26	54.27	
M0661	Review TO changes	35.81	.72	.26	54.53	
A0035	Remove or replace circuit board soldered electronic components	32.10	.80	.26	54.79	
L0641	Update workcenter training reports in CAMS, REMIS, IMMP, or G081	31.56	.81	.25	55.04	130
B0088	Troubleshoot or repair antenna controls	48.01	.53	.25	55.30	
A0020	Perform software configurations on computer-based systems	26.79	.95	.25	55.55	
H0300	Configure cryptographic equipment	35.54	.71	.25	55.80	
O0682	Configure mobile vans	29.44	.85	.25	56.05	
E0203	Troubleshoot or repair high-voltage power supplies	45.09	.56	.25	56.30	135
B0081	Remove or replace filter assemblies	46.15	.54	.25	56.55	
A0019	Perform equipment cannibalization activities	40.85	.61	.25	56.80	
D0157	Remove or replace receivers	44.03	.55	.24	57.05	
H0355	Troubleshoot or repair power supplies	45.62	.53	.24	57.29	
L0642	Verify accuracy of CAMS, REMIS, IMMP, or G081 daily inputs	27.32	.89	.24	57.53	140
B0066	Remove or replace antenna controls	43.77	.55	.24	57.77	
H0332	Remove or replace modulators or demodulators	46.15	.52	.24	58.01	
O0711	Perform camp security	29.71	.80	.24	58.25	
N0672	Maintain documentation on items requiring periodic inspections or calibrations	29.97	.77	.23	58.48	
D0168	Troubleshoot or repair receivers	41.11	.56	.23	58.71	145
I0362	Adjust built-in test equipment (BITE)	39.79	.58	.23	58.94	
C0117	Perform PMIs on tracking systems	36.34	.62	.23	59.17	
M0643	Compile data for records, reports, logs, or trend analyses	23.61	.96	.23	59.39	
B0080	Remove or replace feedhorn assembly components	38.99	.56	.22	59.61	
H0306	Operationally check cryptographic equipment	32.63	.66	.21	59.83	150
O0696	Don or doff chemical warfare personal protective clothing	32.89	.64	.21	60.04	
F0218	Operationally check radio frequency (RF) controls	37.40	.56	.21	60.25	
B0069	Remove or replace antenna lights	41.11	.51	.21	60.46	
B0073	Remove or replace antenna transmission lines or related components	36.60	.57	.21	60.67	
T0541	Perform communications circuit fault isolation	33.42	.62	.21	60.88	155

	procedures				
D0141	Adjust pre- or post-selectors	32.63	.63	.21	61.08
B0101	Troubleshoot or repair waveguides	39.52	.52	.21	61.29

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
C0115	Operationally check tracking systems	34.48	.59	.20	61.49	
F0248	Troubleshoot AFSATCOM systems to identify faulty units	22.55	.90	.20	61.70	
C0131	Troubleshoot or repair tracking receivers	37.93	.53	.20	61.90	160
F0212	Operationally check fault indicator panels (FIPs)	29.71	.68	.20	62.10	
B0071	Remove or replace antenna reflector section components	34.48	.58	.20	62.30	
J0562	Report satellite status to appropriate agencies	29.97	.67	.20	62.50	
L0631	Perform time compliance technical order (TCTO) inspections	36.34	.55	.20	62.70	
O0736	Tear down, inspect, clean, and reassemble weapons	31.56	.63	.20	62.90	165
O0712	Perform chemical warfare agent decontamination procedures	29.97	.66	.20	63.10	
O0722	Perform or set up site security	28.12	.70	.20	63.29	
L0637	Update manual documents, such as AFTO Form 349 (Maintenance Data Collection Record)	25.73	.76	.20	63.49	
M0656	Maintain time compliance technical orders (TCTOs)	28.12	.69	.19	63.68	
E0189	Remove or replace high-voltage power supply components	38.46	.50	.19	63.88	170
L0623	Analyze core automated maintenance system (CAMS), Reliability and Maintainability Information System (REMIS), Improved Maintenance Management Program (IMMP), or GO81 data	22.81	.83	.19	64.07	
E0200	Troubleshoot or repair transmitters	38.46	.49	.19	64.25	
O0704	Install ground systems at deployed locations	26.79	.70	.19	64.44	
A0042	Remove or replace equipment safety devices	35.54	.52	.19	64.63	
A0006	Adjust equipment safety devices	31.83	.58	.18	64.81	175
B0067	Remove or replace antenna coupler components	37.40	.49	.18	64.99	
M0651	Initiate or maintain standby rosters or workcenter pyramid recall rosters	22.55	.80	.18	65.17	
O0702	Inspect mobility bags or kits	28.65	.63	.18	65.35	
J0516	Configure antenna tracking systems	29.44	.61	.18	65.53	
I0412	Perform PMIs on BITE	30.50	.58	.18	65.71	180
B0072	Remove or replace antenna status equipment	35.54	.50	.18	65.89	
B0083	Remove or replace quick reaction antenna (QRA) components	32.63	.54	.18	66.06	
B0092	Troubleshoot or repair antenna status equipment	38.46	.46	.18	66.24	
F0219	Operationally check receiver-transmitter (RT) controls	31.56	.56	.18	66.42	
B0103	Visually inspect antenna radomes	21.75	.81	.18	66.59	185
J0557	Perform switchovers of equipment subassemblies to redundant equipment	30.77	.57	.18	66.77	
C0134	Troubleshoot or repair tracking systems	35.01	.50	.17	66.94	
I0424	Perform PMIs on patch panels	25.20	.69	.17	67.11	
L0636	Update EIL and master PMI listings	22.55	.76	.17	67.28	
B0062	Perform waveguide insertion loss procedures	28.12	.59	.17	67.45	190
B0061	De-ice antennas	31.56	.52	.17	67.61	
K0611	Prepare job completion documentation	19.89	.83	.17	67.78	
M0655	Maintain publications libraries, other than TO libraries	22.81	.72	.16	67.94	



J0531	Monitor frequencies, such as to determine interference or equipment operation	29.71	.55	.16	68.11
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Number of Members: 377

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
K0599	Interpret blueprints, cabling, circuit or wiring schematic diagrams	22.55	.72	.16	68.27	195
B0102	Visually inspect antenna couplers	33.69	.48	.16	68.43	
B0090	Troubleshoot or repair antenna positioning circuits	38.20	.42	.16	68.59	
M0648	Identify and report suspected security compromises	31.03	.52	.16	68.76	
C0129	Troubleshoot or repair tracking demodulators	31.83	.51	.16	68.92	
J0521	Configure global positioning satellite (GPS) receivers	22.28	.71	.16	69.08	200
M0654	Maintain administrative files	19.63	.81	.16	69.24	
D0142	Adjust receiver gain monitors	32.10	.49	.16	69.39	
J0530	Initiate satellite equipment reports (SERs)	28.38	.55	.16	69.55	
A0045	Troubleshoot or repair blower motors	30.50	.51	.16	69.71	
F0209	Operationally check communications security (COMSEC) controls	28.91	.53	.15	69.86	205
I0432	Remove or replace attenuators	27.85	.55	.15	70.01	
B0095	Troubleshoot or repair antennas, other than antenna systems	31.30	.49	.15	70.17	
N0669	Initiate requisitions for equipment, tools, parts, or supplies	27.06	.56	.15	70.32	
B0094	Troubleshoot or repair antenna transmission lines or related components	33.95	.45	.15	70.47	
M0650	Initiate technical order (TO) improvement reports, such as AFTO Forms 22 (Technical Order Improvement Report and Reply)	30.24	.50	.15	70.62	210
C0114	Adjust tracking systems	31.83	.47	.15	70.78	
E0191	Troubleshoot dummy loads	34.75	.43	.15	70.92	
A0010	Inspect waveguide switching networks	25.99	.57	.15	71.07	
B0056	Adjust dehydrators or pressurizers	26.26	.56	.15	71.22	
O0700	Inspect cut sheets	25.20	.59	.15	71.37	215
G0275	Monitor radio communication transmissions	14.06	1.05	.15	71.51	
K0609	Perform site survey procedures	20.95	.70	.15	71.66	
C0113	Adjust tracking servo controls	31.56	.46	.14	71.81	
J0520	Configure equipment for network operations	21.22	.68	.14	71.95	
E0188	Remove or replace transmitters	33.95	.42	.14	72.09	220
J0554	Perform satellite network operations procedures	23.34	.62	.14	72.24	
J0565	Submit satellite access requests	21.49	.67	.14	72.38	
H0319	Remove or replace cryptographic equipment	30.24	.47	.14	72.52	
B0099	Troubleshoot or repair filter assemblies	33.95	.41	.14	72.66	
I0503	Troubleshoot or repair patch panels	29.97	.47	.14	72.80	225
Q0763	Conduct self-inspections or self-assessments	16.45	.84	.14	72.94	
A0041	Remove or replace surface-mounted devices on circuit boards	20.42	.67	.14	73.08	
A0025	Perform PMIs on cross-connections	18.57	.74	.14	73.21	
J0539	Perform carrier-to-receiver noise density (C/kT) checks	19.36	.70	.14	73.35	
M0644	Complete accident or incident reports	29.71	.46	.14	73.48	230
N0666	Establish requirements for equipment, tools, parts, or supplies	22.87	.56	.13	73.62	

	supplies				
C0109	Adjust antenna positioning circuits	31.83	.42	.13	73.75
C0132	Troubleshoot or repair tracking servo controls	31.03	.43	.13	73.89

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
I0435	Remove or replace BITE	30.77	.43	.13	74.02	
K0591	Install or remove cabling between van sites	24.40	.54	.13	74.15	235
O0737	Test ground systems at deployed locations	24.14	.55	.13	74.28	
J0540	Perform changeovers between commercial power and back up generators	27.59	.48	.13	74.41	
B0084	Remove or replace relays	27.85	.47	.13	74.54	
I0383	Adjust oscillators	27.85	.46	.13	74.67	
I0429	Perform PMIs on UPSs	17.77	.72	.13	74.80	240
C0118	Remove or replace antenna tracking control drawers	28.91	.44	.13	74.93	
E0176	Perform PMIs on cooling air circulation systems	22.28	.57	.13	75.06	
D0155	Remove or replace pre- or post-selectors	24.40	.52	.13	75.18	
I0388	Adjust synthesizers	20.69	.61	.13	75.31	
M0649	Initiate classified reports, messages, or documents	15.12	.82	.12	75.43	245
A0052	Troubleshoot or repair equipment safety devices	28.65	.43	.12	75.56	
O0703	Inspect packed or palletized mobility or contingency equipment prior to transport	20.16	.61	.12	75.68	
K0615	Prepare site for equipment installation	20.95	.58	.12	75.80	
N0665	Develop equipment checklists	21.75	.55	.12	75.92	
H0303	Operate bit synchronizers	17.51	.68	.12	76.04	250
M0658	Maintain or update status indicators, such as boards, graphs, or charts	20.42	.58	.12	76.16	
M0662	Review TO improvement reports, such as AFTO Forms 22	22.81	.52	.12	76.27	
F0221	Operationally check status display units (SDUs)	20.95	.56	.12	76.39	
B0098	Troubleshoot or repair dehydrators or pressurizers	23.34	.50	.12	76.51	
O0714	Perform explosive ordnance reconnaissance	19.36	.60	.12	76.62	255
M0647	Establish or maintain accountability records for classified materials or documents	18.57	.62	.12	76.74	
D0140	Adjust mixers	24.93	.46	.11	76.85	
D0158	Remove or replace waveguide switching networks	25.20	.45	.11	76.97	
J0566	Update ephemeris sets	14.59	.78	.11	77.08	
Q0782	Establish procedures for accountability of equipment, tools, parts, or supplies	10.61	1.07	.11	77.19	260
D0166	Troubleshoot or repair pre- or post-selectors	24.67	.46	.11	77.31	
J0556	Perform software loading procedures	17.77	.63	.11	77.42	
H0297	Adjust shift keying modems	23.34	.48	.11	77.53	
E0171	Adjust power monitors	25.73	.44	.11	77.65	
M0646	Establish or maintain automated technical order management system (ATOMS) accounts	17.24	.64	.11	77.76	265
I0417	Perform PMIs on frequency standards	19.89	.56	.11	77.87	
I0475	Troubleshoot or repair BITE	26.79	.41	.11	77.98	
N0673	Maintain organizational equipment or supply records	19.89	.55	.11	78.09	
J0515	Compose and transmit messages using teletype equipment	14.06	.78	.11	78.20	
F0220	Operationally check remote interface units (RIUs)	19.10	.57	.11	78.31	270
E0172	Adjust transmit-gain circuits	27.32	.40	.11	78.41	
I0416	Perform PMIs on fiber-optic systems	16.18	.67	.11	78.52	
B0077	Remove or replace dehydrators or pressurizers	23.34	.50	.11	78.63	

K0594	Install or remove fixed communications equipment	17.24	.61	.11	78.73	
G0270	Brief crew members or passengers on emergency procedures	14.32	.74	.11	78.84	275

Number of Members: 377

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
I0459	Remove or replace patch panels	22.55	.47	.11	78.95	
E0181	Remove or replace directional couplers	28.38	.37	.11	79.05	
B0076	Remove or replace de-icers or heaters	22.55	.46	.10	79.16	
Q0766	Conduct safety inspections of equipment or facilities	13.26	.78	.10	79.26	
K0620	Site antenna systems	20.16	.51	.10	79.36	280
J0561	Perform voltage standing wave ratio (VSWR) measurements	22.02	.47	.10	79.47	
I0359	Adjust analog-to-digital or digital-to-analog converters	23.61	.43	.10	79.57	
I0392	Adjust general purpose power supplies	18.04	.57	.10	79.67	
I0469	Remove or replace general purpose power supplies	20.16	.51	.10	79.78	
F0262	Troubleshoot or repair RF controls	24.40	.41	.10	79.88	285
F0223	Operationally check time standard modulators (TSMs)	13.53	.74	.10	79.98	



## Report Option Table for Modules

Option	Status
Primary Sort	Inventory Sequence
Secondary Sort	Not Used
Print Suppress	Not Used

## Report Option Table for Tasks

Option	Status
Primary Sort	Inventory Sequence
Secondary Sort	Not Used
Print Suppress	Not Used

## Description of Reported Module Factors

Col	Factor	Source vector	Title	Number Members	----- Mean	Based on All Tasks Within Range S.D.	Max	Min	----- Valid
1	TITLE		Module Statement						

## Description of Reported Task Factors

1	TITLE		Task Statement						
2	F0066	TF0002/RMN	2E1X1 Training Emphasis Ratings	41	1.75	1.29	6.41	.00	806
3	F0068	TF0001/FGN	2E1X1 Automated Training Indicators	0	5.55	5.00	18.00	1.00	797
4	F0018	GP0018/PMP	All DAFSC 2E1X1 AD Amn with 1-24 Mos TAFMS	121	16.44	16.69	84.30	.00	806
5	F0020	GP0020/PMP	All DAFSC 2E1X1 AD Amn with 1-48 Mos TAFMS	377	18.84	17.47	86.74	.53	806
6	F0007	GP0007/PMP	All Active Duty Airmen with DAFSC 2E131	248	18.58	17.89	87.50	.00	806
7	F0008	GP0008/PMP	All Active Duty Airmen with DAFSC 2E151	465	17.66	14.74	77.85	.65	806
8	F0009	GP0009/PMP	All Active Duty Airmen with DAFSC 2E171	224	12.76	13.41	67.41	.45	806
9	F0067	TF0001/SMN	2E1X1 Task Difficulty Ratings	71	5.00	1.00	8.25	-.62	806



CTS 2E1X1, Satellite, Wideband & Telemetry Systems dated April 2000, is presented below with matched job inventory tasks and occupational survey data.

CTS items are listed below the dotted line, followed by a listing of matched tasks. Pertinent survey data are printed to the right of each task. These data can be used to validate CTS content and code levels. In addition, tasks which were not matched with CTS items are listed in a "Tasks Not Referenced" section. These unreferenced tasks should be carefully reviewed to identify new areas which may warrant inclusion in future CTSS. For assistance in interpretation of this printout, contact USAFOMS/OMYO, at DSN 487-6811, eXT (3006).

D		TNG	1ST	1ST	3-	5-	7-	TSK	
T Tsk		EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
Y Nbr	Task Title								
0001	CFTEP 2E1X1, SATELLITE, WIDEBAND AND TELEMETRY SYSTEMS, DATED 30 APRIL 2002								
0002	1. GENERAL PRINCIPLES								
0003	1.1. Standard Maintenance Practices								
0004	1.1.1. Describe basic troubleshooting procedures								
0005	1.1.2. State facts relating to the theory and operation of local and remote loopbacks								
0006	1.1.3. Locate information about AF maintenance practices (AFI 21-116)								

D										
T Tsk			TNG		1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
0007	1.1.4. Describe how to locate system components using alphanumeric designator									
0008	1.1.5. Demonstrate use of technical publications									
M0650	Initiate technical order (TO) improvement reports, such as AFTO Forms 22 (Technical Order Improvement Report and Reply)	2.24	15	15	30	29	40	29	4.41	
M0657	Maintain TO libraries	2.27	15	26	36	37	33	25	4.20	
0009	1.2. Documentation									
0010	1.2.1. State facts about the purpose and use of the Maintenance Data Collection Systems									
L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81	2.73	15	24	34	33	40	26	4.41	
0011	1.2.2. Input maintenance data collection information into automated system									
L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81	2.73	15	24	34	33	40	26	4.41	
0012	1.2.3. State facts about the purpose and use of the material deficiency reporting system									
N0668	Identify and report equipment or supply problems	1.56	14	34	37	39	40	52	4.72	

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Y Nbr	Task Title		EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF

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0013	1.2.4. State facts about the purpose and use of preventive maintenance inspection and equipment status reporting									
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0014	1.2.5. Identify the procedures used to process and control material									
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0015	1.2.6. Research parts information using applicable manuals									
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0016	1.3. Perform power measurement calculations									
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0017	1.4. Identify basic facts of the 2E1X1 career field									
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0018	1.5. Identify security concerns of the 2E1X1 career field									
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0019	1.6. Operational Risk Management (ORM)									
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0020	1.6.1. State hazards associated with the AFSC									
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0021	1.6.2. State basic facts and terms about AFOSH standards for the AFSC									
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T Tsk			TNG		1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
0022	1.6.3. Practice safety precautions during maintenance actions									
0023	1.7. Agile logistics (supply, inventory management)									
0024	1.7.1. State facts about agile logistics									
0025	1.7.2. Describe the flow of parts (depot/commercial vendor)									
0026	1.7.3. Describe the technician's role in agile logistics									
0027	1.8. Identify the purposes of equipment associated with the 2E1X1 career field									
0028	1.9. Test Range Mission - In this subject area, the student shall:									
0029	1.9.1. Identify purposes and principles of the test range mission									

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Y Nbr	Task Title			EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF

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0030 1.9.1.1. Research and development

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0031 1.9.1.2. Operational test and evaluation

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0032 1.9.2. Identify purposes and principles of instrumentation  
and telemetry systems

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0033 1.9.2.1. Instrumentation System

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0034 1.9.2.2. Telemetry System

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0035 1.9.3. Identify purposes and principles of the test range

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0036 1.9.3.1. Range Commander's Council

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0037 1.9.3.2. Applicable Range Standards

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0038 1.9.3.3. Test Range Functions

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Y Nbr	Task Title		EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF

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0039 1.10. Space Systems and Equipment

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0040 1.10.1. Identify principles pertaining to the Satellite  
Ground Station (SGS)

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0041 1.10.2. Identify principles pertaining to the Satellite  
Readout Station Upgrade (SRCU)

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0042 1.10.3. Identify principles pertaining to the Data  
Reduction Center

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0043 1.10.4. Identify principles pertaining to the Satellite  
Operations Center

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0044 1.10.5. Identify principles pertaining to the AN/MSQ-118  
System

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0045 1.10.6. Identify principles pertaining to the Simplified  
Processing Station Replacement (SRS/U)

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0046 1.10.7. Identify principles pertaining to the MARK IVB  
Meteorological Data Station (MDS)

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T Tsk			TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
0047	1.10.8. Identify principles pertaining to the Global Positioning System (GPS)										
0048	2. TEST EQUIPMENT										
0049	2.1. Know the purpose of selected types of equipment used in the 2E1X1 career field										
0050	2.2. Know the principles, capabilities, and limitations of the test equipment listed in Note 2										
0051	2.3. Operate the test equipment listed in Note 2										
0052	3. DIGITAL MULTIPLEXER EQUIPMENT										
0053	3.1. Identify principles, capabilities, and limitations of time division multiplexing equipment										
0054	3.2. Perform an operational check of a time division multiplexer										
H0315	Perform PMIs on multiplexers and demultiplexers		4.90	18	55	57	59	40	16	4.90	

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T Tsk			TNG		1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
0055	3.3. Configure a time division multiplexer for operation									
J0523	Configure multiplexers or demultiplexers		5.68	18	61	59	63	46	23	4.79
0056	3.4. Troubleshoot and repair a time division multiplexer									
H0353	Troubleshoot or repair multiplexers or demultiplexers		3.88	18	50	51	52	37	16	6.22
0057	4. MODULATION EQUIPMENT									
0058	4.1. Identify principles, capabilities, and limitations of modulation									
0059	4.1.1. Spread Spectrum Multiple Access (SSMA) digital modem									
0060	4.1.2. Time Division Multiple Access (TDMA) digital modem									
0061	4.1.3. Demand Access Multiple Assigned (DAMA) digital modem									
0062	4.2. Perform an operational check on a Digital MODEM									
H0314	Perform PMIs on modems		4.76	18	51	54	55	40	13	4.67



D	T Tsk	TNG	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	DIF
0063	4.3. Troubleshoot and repair a digital MODEM							
H0351	Troubleshoot or repair modems	4.51	18	55	56	56	42	16 6.28
0064	5. FREQUENCY GENERATION AND CONVERSION EQUIPMENT							
0065	5.1. Identify principles, capabilities, and limitations of frequency conversion and generation equipment							
0066	5.2. Perform an operational check of a SHF tactical satellite equipment frequency standard							
I0417	Perform PMIs on frequency standards	2.39	7	18	20	20	18	9 4.51
0067	5.3. Perform an operational check on an upconverter							
E0179	Perform PMIs on up-converters	5.17	18	63	60	62	45	17 4.63
0068	5.4. Configure an upconverter							
J0519	Configure down-converters or up-converters	5.61	18	55	53	55	42	17 4.39
0069	5.5. Troubleshoot and repair an upconverter							
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	56	42	17 6.17
0070	5.6. Perform operational checks on a downconverter							
D0145	Perform PMIs on down-converters	5.20	18	72	66	70	48	19 4.54

D	T Tsk	TNG	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	DIF
0071	5.7. Configure a downconverter							
J0519	Configure down-converters or up-converters	5.61	18	55	53	55	42	17 4.39
0072	5.8. Troubleshoot and repair a downconverter							
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	52	41	17 6.20
0073	5.9. Identify principles, capabilities, and limitations of a low noise amplifier (LNA)							
0074	5.10. Perform an operational check on an LNA							
D0144	Perform PMIs on amplifiers	4.29	18	60	60	63	45	21 4.58
0075	5.11. Troubleshoot and repair an LNA							
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	43	35	16 6.21
0076	6. Identify principles, capabilities, and limitations of satellite tracking systems							
0077	7. TIMING AND SYNCHRONIZATION							
0078	7.1. Identify principles, capabilities, and limitations of timing and synchronization							

D	T Tsk	TNG	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	DIF
0079	7.2. Troubleshoot and repair timing synchronization equipment							
I0488	Troubleshoot or repair frequency standards	2.59	7	13	18	18	16	7 6.26
0080	8. LINE-OF-SIGHT (LOS) SYSTEMS							
0081	8.1. Identify principles, capabilities, and limitations of LOS systems							
0082	8.2. Perform operational checks on a digital line of sight (LOS) radio							
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	43	35	16 6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	52	41	17 6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	41	36	13 6.25
E0178	Perform PMIs on transmitters	4.66	12	45	47	47	37	17 4.96
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	39	32	18 6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	56	42	17 6.17
0083	8.3. Troubleshoot and repair a digital LOS radio							
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	43	35	16 6.21
D0162	Troubleshoot or repair detectors or discriminators	1.90	7	12	13	12	10	3 6.26
D0163	Troubleshoot or repair digital receivers	3.15	11	22	24	25	19	8 6.43
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	52	41	17 6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	41	36	13 6.25
E0197	Troubleshoot or repair power amplifier monitoring systems	2.95	7	26	24	24	20	9 6.05
E0198	Troubleshoot or repair power monitors	2.49	7	21	20	20	18	8 6.14
E0199	Troubleshoot or repair transmit-gain circuits	2.83	7	21	20	21	16	7 6.17
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	39	32	18 6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	56	42	17 6.17

D	T Tsk	TNG	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL
								DIF
0084	9. DEPLOYABLE TROPOSPHERIC SCATTER SYSTEMS							
0085	9.1. Identify principles, capabilities, and limitations of a TRC-170 Tropospheric Scatter radio system							
0086	9.2. Perform an operational check of AN/TRC-170 Tropospheric Scatter digital multiplexer equipment							
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	18	55	57	59	40	16 4.90
0087	9.3. Configure an AN/TRC-170 Tropospheric Scatter digital multiplexer							
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	63	46	23 4.79
0088	9.4. Perform an operational check of a AN/TRC-170 Tropospheric Scatter equipment modem							
H0314	Perform PMIs on modems	4.76	18	51	54	55	40	13 4.67
0089	9.5. Configure an AN/TRC-170 Tropospheric Scatter equipment modem							
J0522	Configure modems	6.00	18	57	58	61	46	23 4.60
0090	9.6. Perform an operational check of a TRX-170 Tropospheric equipment radio subsystem							
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	43	35	16 6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	52	41	17 6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	41	36	13 6.25
E0178	Perform PMIs on transmitters	4.66	12	45	47	47	37	17 4.96

D	T Tsk	TNG	ATI	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP		JOB	ENL	LVL	LVL	LVL	DIF
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	39	32	18	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	56	42	17	6.17
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0091	9.7. Configure an AN/TRC-170 Tropospheric Scatter equipment radio subsystem								
J0519	Configure down-converters or up-converters	5.61	18	55	53	55	42	17	4.39
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0092	9.8. Identify principles and capabilities of control orderwires								
J0529	Establish orderwire contacts	5.27	12	45	44	46	36	14	5.33
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0093	9.9. Configure the AN/TRC-170 patch panels for operation								
J0524	Configure patch panels	5.80	18	57	58	60	49	22	4.99
-----									
0094	9.10. Identify principles and capabilities of power distribution								
-----									
0095	9.11. Identify principles and capabilities of system monitoring								
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0096	9.12. Perform system testing of AN/TRC-170 Tropospheric Scatter equipment								
J0538	Perform bit error rate tests	4.76	18	49	51	53	43	22	4.90
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0097	9.13. Troubleshoot the AN/TRC-170 Tropospheric Scatter radio set								
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	43	35	16	6.21
D0162	Troubleshoot or repair detectors or discriminators	1.90	7	12	13	12	10	3	6.26
D0163	Troubleshoot or repair digital receivers	3.15	11	22	24	25	19	8	6.43

D	T Tsk	TNG	ATI	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP		JOB	ENL	LVL	LVL	LVL	DIF
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	52	41	17	6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	41	36	13	6.25
E0197	Troubleshoot or repair power amplifier monitoring systems	2.95	7	26	24	24	20	9	6.05
E0198	Troubleshoot or repair power monitors	2.49	7	21	20	20	18	8	6.14
E0199	Troubleshoot or repair transmit-gain circuits	2.83	7	21	20	21	16	7	6.17
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	39	32	18	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	56	42	17	6.17
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0098	9.14. Monitor circuit link quality on the AN/TRC-170 Tropospheric Scatter radio equipment								
J0538	Perform bit error rate tests	4.76	18	49	51	53	43	22	4.90
J0546	Perform noise figure tests	2.59	15	31	34	35	22	5	5.77
J0547	Perform noise-to-power ratio (NPR) tests	1.59	2	7	10	8	10	2	5.79
J0551	Perform receive signal level (RSL) checks	4.10	12	45	47	50	33	14	4.27
J0552	Perform RF level checks	3.59	12	39	39	40	30	13	4.38
-----									
0099	9.15. Perform an operational check of the TRC-170 Tropospheric Scatter equipment communications link								
J0567	Verify operational readiness with ground network or distant terminals	2.85	7	12	18	17	17	13	4.44
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0100	9.16. Configure an AN/TRC-170 Tropospheric Scatter equipment system to establish a communications link								
J0528	Establish communications links	5.41	18	50	52	51	49	22	6.05
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0101	10. DEPLOYABLE SHF SATELLITE SYSTEMS								
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0102	10.1. Identify principles of operations of SHF satellite systems								

D	T Tsk	TNG	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	DIF
0103	10.2. Perform an operational check of SHF tactical satellite equipment digital multiplexer							
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	18	55	57	59	40	16 4.90
0104	10.3. Configure a SHF tactical satellite equipment digital multiplexer							
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	63	46	23 4.79
0105	10.4. Perform an operational check of a SHF tactical satellite equipment modem							
H0314	Perform PMIs on modems	4.76	18	51	54	55	40	13 4.67
0106	10.5. Configure a SHF tactical satellite equipment modem							
J0522	Configure modems	6.00	18	57	58	61	46	23 4.60
0107	10.6. Perform an operational check of a SHF tactical satellite equipment radio subsystem							
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	43	35	16 6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	52	41	17 6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	41	36	13 6.25
E0178	Perform PMIs on transmitters	4.66	12	45	47	47	37	17 4.96
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	39	32	18 6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	56	42	17 6.17
0108	10.7. Configure a SHF tactical satellite equipment radio subsystem							
J0519	Configure down-converters or up-converters	5.61	18	55	53	55	42	17 4.39

D		TNG	ATI	1ST	1ST	3-	5-	7-	TSK
T Tsk	Task Title	EMP		JOB	ENL	LVL	LVL	LVL	DIF
0109	10.8. Perform an operational check of SHF tactical satellite antenna control equipment								
B0064	Perform PMIs on antenna systems	4.46	18	70	72	74	55	19	4.44
C0115	Operationally check tracking systems	3.95	12	27	34	34	34	14	4.50
0110	10.9. Troubleshoot and repair SHF tactical satellite antenna control equipment								
B0088	Troubleshoot or repair antenna controls	3.90	12	44	48	48	40	18	5.42
C0134	Troubleshoot or repair tracking systems	3.41	12	26	35	32	30	14	6.28
0111	10.10. Identify principles and capabilities of control orderwires								
J0529	Establish orderwire contacts	5.27	12	45	44	46	36	14	5.33
0112	10.11. Identify principles and capabilities of power distribution								
0113	10.12. Identify principles and capabilities of system monitoring								
0114	10.13. Perform system testing of SHF tactical satellite equipment								
J0528	Establish communications links	5.41	18	50	52	51	49	22	6.05
0115	10.14. Troubleshoot and repair a SHF tactical satellite equipment system								
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	43	35	16	6.21
D0162	Troubleshoot or repair detectors or discriminators	1.90	7	12	13	12	10	3	6.26



D	T Tsk	TNG	ATI	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP		JOB	ENL	LVL	LVL	LVL	DIF
D0163	Troubleshoot or repair digital receivers	3.15	11	22	24	25	19	8	6.43
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	52	41	17	6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	41	36	13	6.25
E0197	Troubleshoot or repair power amplifier monitoring systems	2.95	7	26	24	24	20	9	6.05
E0198	Troubleshoot or repair power monitors	2.49	7	21	20	20	18	8	6.14
E0199	Troubleshoot or repair transmit-gain circuits	2.83	7	21	20	21	16	7	6.17
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	39	32	18	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	56	42	17	6.17
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0116	10.15. Monitor circuit link quality on SHF tactical satellite equipment								
J0538	Perform bit error rate tests	4.76	18	49	51	53	43	22	4.90
J0546	Perform noise figure tests	2.59	15	31	34	35	22	5	5.77
J0547	Perform noise-to-power ratio (NPR) tests	1.59	2	7	10	8	10	2	5.79
J0551	Perform receive signal level (RSL) checks	4.10	12	45	47	50	33	14	4.27
J0552	Perform RF level checks	3.59	12	39	39	40	30	13	4.38
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0117	10.16. Acquire and track a satellite using SHF tactical satellite equipment								
J0516	Configure antenna tracking systems	3.49	11	25	29	28	28	12	4.53
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0118	10.17. Perform an operational check of a SHF tactical satellite equipment communications link								
J0567	Verify operational readiness with ground network or distant terminals	2.85	7	12	18	17	17	13	4.44
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0119	10.18. Configure a SHF tactical satellite equipment system to establish a communications link								
J0528	Establish communications links	5.41	18	50	52	51	49	22	6.05
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0120	11. ANCILLARY EQUIPMENT								

D	T Tsk	TNG	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	DIF
0121	11.1. Perform an operational check on cryptographic equipment							
H0306	Operationally check cryptographic equipment	3.78	12	26	33	33	30	17 4.47
0122	11.2. Configure a TROPO Satellite Support Radio (TSSO) to establish a communications link							
J0528	Establish communications links	5.41	18	50	52	51	49	22 6.05
0123	11.3. Configure a TD-1234 Remote Multiplexer Combiner (RMC)							
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	63	46	23 4.79
0124	12. DEPLOYABLE MULTIBAND SYSTEMS							
0125	12.1. Identify principles, capabilities, and limitations of operations of multi-band systems							
0126	12.2. Perform an operational check of digital multiplexer equipment							
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	18	55	57	59	40	16 4.90
0127	12.3. Configure a digital multiplexer							
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	63	46	23 4.79

D	T Tsk	TNG	ATI	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP		JOB	ENL	LVL	LVL	LVL	DIF
0128	12.4. Perform an operational check of an equipment modem								
J0538	Perform bit error rate tests	4.76	18	49	51	53	43	22	4.90
0129	12.5. Configure an equipment modem								
J0522	Configure modems	6.00	18	57	58	61	46	23	4.60
0130	12.6. Perform an operational check of an equipment radio subsystem								
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	43	35	16	6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	52	41	17	6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	41	36	13	6.25
E0178	Perform PMIs on transmitters	4.66	12	45	47	47	37	17	4.96
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	39	32	18	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	56	42	17	6.17
0131	12.7. Configure the equipment radio sub-system								
J0519	Configure down-converters or up-converters	5.61	18	55	53	55	42	17	4.39
0132	12.8. Identify principles and capabilities of control orderwires								
J0529	Establish orderwire contacts	5.27	12	45	44	46	36	14	5.33
0133	12.9. Configure the patch panels for operation								
J0524	Configure patch panels	5.80	18	57	58	60	49	22	4.99

D	T Tsk	TNG	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	DIF
0134	12.10. Identify principles and capabilities of power distribution							
0135	12.11. Identify principles and capabilities of system monitoring							
0136	12.12. Identify principles and capabilities of antenna control system							
J0516	Configure antenna tracking systems	3.49	11	25	29	28	28	12 4.53
0137	13. NETWORK BANDWIDTH MANAGEMENT EQUIPMENT							
0138	13.1. Identify principles, capabilities, and limitations of Integrated Digital Network Exchange (IDNX) equipment							
0139	13.2. Perform operational check and configuration IDNX equipment							
H0287	Adjust hubbing or multiparty equipment	.83	2	5	5	6	2	2 5.50
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	18	55	57	59	40	16 4.90
0140	14. NETWORK TRANSPORT INFRASTRUCTURE							

D											
T Tsk				TNG		1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title			EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
0141	14.1. Identify principles, capabilities, and limitations of the following network configurations										
0142	14.1.1. Network topologies (Star, Ring, Bus, etc.)										
0143	14.1.2. Network types (LAN, WAN, VPN)										
0144	14.2. Identify principles, capabilities, and limitations of the following information transport devices:										
0145	14.2.1. Routers										
0146	14.2.2. Hubs (Concentrators)										
0147	14.2.3. Bridges										
0148	14.2.4. Gateways										
0149	14.2.5. Switches:										

D											
T Tsk				TNG		1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title			EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
0150	14.2.5.1. Circuit switching										
0151	14.2.5.2. Message switching										
0152	14.2.5.3. Packet switching										
0153	14.2.5.4. Asynchronous transfer mode (ATM)										
0154	15. STANDARD INSTALLATION PRACTICES										
0155	15.1. State facts related to standard installation practices										
0156	15.2. Describe the importance of cable labeling and installation documentation										
0157	15.3. Describe wire color coding standards										
0158	15.4. Describe fiber optics installation concepts										

D										
T Tsk			TNG		1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF

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0159 15.5. Describe the concepts of:

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0160 15.5.1. Grounding

A0015	Install equipment grounds	4.51	13	64	65	67	52	30	3.10
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0161 15.5.2. Bonding

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0162 15.5.3. Shielding

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0163 15.6. Identify procedures to construct and terminate cables  
with the following connectors:

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0164 15.6.1. Multi-pin

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0165 15.6.2. Modular

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0166 15.6.3. Coaxial

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0167 16. TRANSMISSION MEASUREMENT

D	T Tsk	TNG	1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
0168	16.1. Perform cable transmission line measurements								
J0560	Perform transmission line loss measurements	1.93	7	7	11	9	10	7	4.97
0169	17. Identify general principles of Satellite Access Request (SAR) procedures and processes								
J0565	Submit satellite access requests	1.85	7	12	21	20	23	14	5.08
0170	Tasks not referenced								
A0001	Adjust cable assemblies or internal wiring	1.78	8	46	51	51	47	21	2.10
A0002	Adjust circuit card assemblies (CCAs)	3.46	13	66	66	71	51	25	2.89
A0003	Adjust cross-connections	1.22	1	12	18	18	15	10	2.62
A0004	Adjust equipment grounds	2.83	8	63	66	67	51	24	1.70
A0005	Adjust user-calibrated test equipment	3.59	12	37	38	37	31	21	4.37
A0006	Adjust equipment safety devices	3.44	10	28	32	33	26	13	2.84
A0007	Fabricate or repair equipment cables	3.66	18	55	69	69	65	34	5.39
A0008	Inspect flight hardware	.12	2	3	5	4	4	2	5.03
A0009	Inspect flight safety wire	.17	2	7	6	6	4	3	4.11
A0010	Inspect waveguide switching networks	1.83	7	21	26	25	19	8	4.88
A0011	Inspect waveguides	4.15	13	59	64	66	52	28	3.65
A0012	Install cable assemblies or internal wiring	3.29	12	40	48	46	45	29	4.04
A0013	Install communications equipment	4.41	18	57	60	60	51	25	5.60
A0014	Install cross-connections	1.83	7	12	15	15	14	11	4.39
A0016	Operationally check system or test equipment	6.41	18	69	74	76	67	42	5.23
A0017	Perform corrosion control	4.07	13	75	79	80	68	30	1.74
A0018	Perform end-to-end check-outs	5.93	12	37	47	46	53	34	5.95
A0019	Perform equipment cannibalization activities	1.34	14	32	41	43	40	19	4.43
A0020	Perform software configurations on computer-based systems	2.49	7	17	27	26	32	22	5.76
A0021	Perform system diagnostics	5.27	18	45	55	55	57	36	5.58
A0022	Perform system power-downs	5.98	13	84	87	88	78	42	2.40
A0023	Perform system power-ups	5.93	13	84	86	87	78	42	2.46
A0024	Perform preventive maintenance inspections (PMIs) on CCAs	4.24	13	59	68	69	53	18	3.41
A0025	Perform PMIs on cross-connections	1.27	1	17	19	19	12	4	3.03
A0026	Perform PMIs on equipment grounds	3.56	13	46	53	54	41	19	2.46
A0027	Perform PMIs on equipment safety devices	3.46	10	43	49	51	34	11	2.66
A0028	Perform PMIs on cable assemblies or internal wiring	2.85	5	40	47	46	37	16	2.96
A0029	Reconstruct traces on circuit boards	.83	2	4	6	5	6	3	7.35
A0030	Remove electronic communications equipment	3.63	13	50	62	62	53	29	3.39
A0031	Remove or replace air filters	2.82	8	71	78	80	66	26	6.7





D										
T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
A0032	Remove or replace blower motors	2.56	5	38	47	48	44	18	3.61	
A0033	Remove or replace cable assemblies or internal wiring	3.07	13	46	55	52	52	30	3.92	
A0034	Remove or replace CCAs	4.49	13	79	76	79	63	33	2.04	
A0035	Remove or replace circuit board soldered electronic components	2.46	15	32	32	34	29	17	5.86	
A0036	Remove or replace cross-connections	1.59	1	13	16	16	14	11	3.50	
A0037	Remove or replace equipment grounds	3.76	13	64	65	68	52	29	2.48	
A0038	Remove or replace light bulbs	2.34	****	79	85	86	72	33	-.62	
A0039	Remove or replace minor plug-in or screw-in electronic components	2.95	8	68	72	72	63	33	.49	
A0040	Remove or replace pumps	.66	1	9	11	9	11	5	3.85	
A0041	Remove or replace surface-mounted devices on circuit boards	1.78	7	12	20	19	19	13	5.49	
A0042	Remove or replace equipment safety devices	3.34	10	30	36	35	29	13	3.00	
A0043	Solder or desolder connectors or hardwire circuits	3.51	12	37	43	43	43	26	4.71	
A0044	Troubleshoot user-calibrated test equipment	1.85	7	29	28	25	23	15	5.70	
A0045	Troubleshoot or repair blower motors	1.71	14	24	31	29	26	13	4.61	
A0046	Troubleshoot or repair cable assemblies or internal wiring	3.73	18	43	50	48	49	29	5.22	
A0047	Troubleshoot or repair CCAs	2.83	15	47	49	49	36	18	6.00	
A0048	Troubleshoot or repair cross-connections	1.27	2	11	16	15	13	10	4.28	
A0049	Troubleshoot or repair equipment grounds	3.37	13	44	51	51	40	23	3.39	
A0050	Troubleshoot or repair light bulbs	1.63	6	46	51	52	36	19	.35	
A0051	Troubleshoot or repair pumps	.51	2	8	11	10	9	4	4.22	
A0052	Troubleshoot or repair equipment safety devices	3.46	9	27	29	28	23	8	3.50	
A0053	Visually inspect guidewires	2.66	5	42	45	51	29	13	1.51	
A0054	Visually inspect safety cables	3.32	13	48	54	58	36	16	1.58	
B0055	Adjust antenna status equipment	3.15	18	46	52	54	40	17	4.35	
B0056	Adjust dehydrators or pressurizers	1.95	7	22	26	26	23	12	4.81	
B0057	Adjust tuneable waveguides	1.98	7	17	17	17	12	4	5.79	
B0058	Assemble antenna radomes	1.02	2	12	10	9	7	4	5.28	
B0059	Assemble feedhorn assemblies	3.37	12	44	47	48	34	16	4.80	
B0060	Assemble or disassemble antennas	4.49	18	50	56	57	43	23	5.09	
B0061	De-ice antennas	1.88	5	31	32	31	23	6	3.00	
B0062	Perform waveguide insertion loss procedures	3.32	11	31	28	30	22	10	5.52	
B0063	Perform PMIs on antenna status equipment	3.66	18	53	54	56	39	13	4.43	
B0065	Perform PMIs on antennas, other than antenna systems	3.41	18	45	50	50	38	13	4.20	
B0066	Remove or replace antenna controls	3.15	12	36	44	41	40	18	4.76	
B0067	Remove or replace antenna coupler components	2.34	15	30	37	34	32	13	4.78	
B0068	Remove or replace antenna drive equipment	2.83	15	39	47	44	44	17	5.26	
B0069	Remove or replace antenna lights	2.24	5	32	41	41	33	13	1.63	
B0070	Remove or replace antenna radomes	.98	2	8	10	9	8	3	4.52	
B0071	Remove or replace antenna reflector section components	2.71	15	27	34	33	31	14	4.18	
B0072	Remove or replace antenna status equipment	2.59	15	26	36	35	30	13	4.46	
B0073	Remove or replace antenna transmission lines or related components	2.80	5	31	37	34	34	16	3.88	
B0074	Remove or replace antennas	2.76	12	42	46	44	41	18	4.56	

B0075	Remove or replace cable trench sump pumps	.24	2	7	8	6	5	2	4.14
B0076	Remove or replace de-icers or heaters	1.29	2	21	23	20	21	4	4.52
B0077	Remove or replace dehydrators or pressurizers	1.56	2	17	22	20	23	8	4.49

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T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
B0078	Remove or replace diplexers or duplexers	2.07	7	20	22	19	19	10	4.73
B0079	Remove or replace feedhorn assemblies	3.59	12	43	46	46	41	17	4.49
B0080	Remove or replace feedhorn assembly components	3.29	12	36	39	38	31	14	4.59
B0081	Remove or replace filter assemblies	2.85	5	36	46	43	38	17	2.55
B0082	Remove or replace multicouplers	1.59	1	12	12	10	12	5	3.97
B0083	Remove or replace quick reaction antenna (QRA) components	4.54	12	23	33	33	25	9	4.32
B0084	Remove or replace relays	2.46	7	23	28	25	27	15	4.18
B0085	Remove or replace splitters or combiners	2.37	7	24	25	25	24	16	4.17
B0086	Troubleshoot diplexers or duplexers	2.29	7	19	21	18	18	9	5.52
B0087	Troubleshoot splitters or combiners	2.80	7	19	25	23	23	13	5.46
B0089	Troubleshoot or repair antenna drive equipment	3.66	12	42	48	46	42	19	5.90
B0090	Troubleshoot or repair antenna positioning circuits	3.59	12	35	38	38	35	18	6.33
B0091	Troubleshoot or repair antenna radomes	1.22	2	8	10	9	9	3	5.64
B0092	Troubleshoot or repair antenna status equipment	3.37	12	35	38	40	30	14	5.69
B0093	Troubleshoot or repair antenna systems	4.20	12	43	49	49	42	18	5.82
B0094	Troubleshoot or repair antenna transmission lines or related components	3.17	12	31	34	33	34	17	5.47
B0095	Troubleshoot or repair antennas, other than antenna systems	3.17	12	28	31	33	26	13	5.34
B0096	Troubleshoot or repair cable trench sump pumps	.07	2	7	9	8	6	2	5.44
B0097	Troubleshoot or repair de-icers or heaters	1.20	2	22	21	18	18	5	5.48
B0098	Troubleshoot or repair dehydrators or pressurizers	2.15	7	20	23	23	21	9	5.57
B0099	Troubleshoot or repair filter assemblies	2.12	15	31	34	35	25	12	4.23
B0100	Troubleshoot or repair relays	2.22	7	19	22	21	18	11	4.95
B0101	Troubleshoot or repair waveguides	3.12	12	38	40	39	31	15	5.27
B0102	Visually inspect antenna couplers	2.76	5	30	34	33	28	16	2.90
B0103	Visually inspect antenna radomes	1.78	3	19	22	22	19	8	2.68
B0104	Visually inspect antenna reflector sections	3.12	10	40	47	47	41	21	2.70
B0105	Visually inspect antennas	4.02	13	60	68	69	55	29	2.36
B0106	Visually inspect feedhorn assemblies	3.95	13	51	57	59	48	22	2.58
B0107	Visually inspect QRAs	3.98	10	33	39	41	26	11	2.48
B0108	Visually inspect waveguides	4.66	13	62	65	65	51	26	2.50
C0109	Adjust antenna positioning circuits	3.27	12	29	32	33	29	14	5.52
C0110	Adjust brake systems	2.12	7	16	21	19	20	8	5.42
C0111	Adjust phase shifters	1.56	2	10	14	14	11	3	5.95
C0112	Adjust software configuration systems	1.66	2	12	16	14	17	8	5.83
C0113	Adjust tracking servo controls	3.02	15	26	32	31	26	10	5.87
C0114	Adjust tracking systems	3.46	12	27	32	34	26	11	5.82
C0116	Perform PMIs on software configuration systems	2.32	7	15	18	17	17	5	4.64
C0117	Perform PMIs on tracking systems	3.37	12	31	36	36	32	13	4.37
C0118	Remove or replace antenna tracking control drawers	2.83	7	21	29	28	27	10	4.15
C0119	Remove or replace brake systems	1.90	7	12	17	16	17	7	5.23
C0120	Remove or replace phase shifters	1.32	2	8	14	13	11	2	5.32
C0121	Remove or replace silicon control rectifier (SCR) cabinet components	1.44	2	7	8	10	7	2	5.52
C0122	Remove or replace software configuration systems	1.28	2	10	14	13	12	4	4.81

C0123	Remove or replace tracking system components	2.39	7	17	25	25	21	10	5.25
C0124	Troubleshoot phase shifters	1.24	2	10	13	13	9	3	6.26
C0125	Troubleshoot or repair brake systems	1.90	7	11	18	17	17	7	5.92

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T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
C0126	Troubleshoot or repair interrogators	1.00	2	4	6	6	4	1	6.37
C0127	Troubleshoot or repair SCR cabinets	1.59	2	7	9	11	6	3	6.30
C0128	Troubleshoot or repair software configuration systems	1.83	7	6	12	11	11	4	6.25
C0129	Troubleshoot or repair tracking demodulators	3.10	12	31	32	31	24	10	6.20
C0130	Troubleshoot or repair tracking down-converters	4.15	12	45	45	44	37	14	6.14
C0131	Troubleshoot or repair tracking receivers	3.61	12	33	38	36	32	13	6.17
C0132	Troubleshoot or repair tracking servo controls	2.95	15	28	31	31	27	10	6.27
C0133	Troubleshoot or repair tracking synchro controls	2.63	7	17	21	21	19	8	6.21
C0135	Troubleshoot or repair transponders	1.95	7	10	12	11	10	3	6.22
D0136	Adjust amplifiers	4.51	18	60	61	62	47	20	5.38
D0137	Adjust automatic gain controls (AGCs)	3.76	12	45	49	54	34	14	5.18
D0138	Adjust down-converters	5.41	18	68	65	68	48	17	4.90
D0139	Adjust interference suppression devices	1.63	2	11	12	13	8	1	5.11
D0140	Adjust mixers	2.56	7	22	25	26	17	8	5.09
D0141	Adjust pre- or post-selectors	2.49	15	39	33	35	18	7	4.79
D0142	Adjust receiver gain monitors	3.49	12	36	32	35	21	8	4.98
D0143	Adjust receivers	4.34	12	42	48	49	39	21	4.98
D0146	Perform PMIs on interference suppression devices	2.27	7	18	19	19	14	1	4.56
D0147	Perform PMIs on receivers	4.29	18	53	56	58	41	19	4.49
D0148	Remove or replace amplifiers	3.20	18	50	55	54	48	21	5.07
D0149	Remove or replace detectors or discriminators	1.88	7	12	15	13	11	5	4.74
D0150	Remove or replace down-converters	4.05	18	60	61	64	48	20	4.64
D0151	Remove or replace frame sychros	1.24	2	11	11	12	7	3	4.47
D0152	Remove or replace interference suppression devices	1.54	2	9	11	11	7	1	4.37
D0153	Remove or replace limiters	1.80	7	12	20	20	13	4	4.34
D0154	Remove or replace power divider assemblies	2.02	7	25	20	22	15	5	4.37
D0155	Remove or replace pre- or post-selectors	1.90	7	25	24	26	14	5	4.62
D0156	Remove or replace receive combiners	2.22	7	19	21	21	18	9	4.40
D0157	Remove or replace receivers	2.95	15	39	44	46	35	19	4.52
D0158	Remove or replace waveguide switching networks	2.02	7	19	25	23	22	10	4.88
D0159	Troubleshoot limiters	1.41	2	14	15	16	10	2	6.10
D0160	Troubleshoot power divider assemblies	1.80	7	21	18	17	15	3	6.18
D0165	Troubleshoot or repair interference suppression devices	1.44	2	12	12	12	8	1	6.26
D0166	Troubleshoot or repair pre- or post-selectors	1.93	7	26	25	25	15	4	6.04
D0167	Troubleshoot or repair receive combiners	2.32	7	21	23	23	17	4	6.33
D0169	Troubleshoot or repair waveguide switching networks	2.78	7	26	26	23	22	9	6.01
E0170	Adjust automatic leveling controls (ALCs)	1.51	2	13	11	10	8	5	5.31
E0171	Adjust power monitors	2.90	7	28	26	26	22	10	4.83
E0172	Adjust transmit-gain circuits	3.24	11	25	27	30	22	8	5.18
E0173	Adjust up-converters	4.93	18	60	58	60	43	17	5.24
E0174	Adjust high-voltage power supplies	4.90	12	46	46	48	36	16	5.86
E0175	Perform PMIs on ALCs	1.73	2	13	11	11	7	3	4.50
E0176	Perform PMIs on cooling air circulation systems	2.12	7	21	22	21	18	5	4.13
E0177	Perform PMIs on high-voltage power supplies	4.39	12	50	47	48	37	14	5.13
E0180	Remove or replace cooling air circulation system components	1.49	2	21	21	19	17	8	4.54

E0181	Remove or replace directional couplers	2.17	7	23	28	27	24	10	4.60
E0182	Remove or replace dummy loads	2.56	8	54	50	51	41	13	3.49
E0183	Remove or replace line-voltage regulators	1.88	7	10	14	13	10	7	4.43

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T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
E0184	Remove or replace magic-T networks	.93	2	5	6	6	3	2	4.69	
E0185	Remove or replace power combiners	1.61	2	17	16	16	15	5	4.60	
E0186	Remove or replace power monitors	2.24	7	19	19	18	17	7	4.59	
E0187	Remove or replace transmit-gain controls	2.05	7	20	19	20	17	6	4.85	
E0188	Remove or replace transmitters	3.34	12	34	34	34	32	18	5.25	
E0189	Remove or replace high-voltage power supply components	3.41	12	33	38	40	32	14	5.60	
E0190	Troubleshoot directional couplers	2.29	7	21	24	24	20	8	5.98	
E0191	Troubleshoot dummy loads	2.22	15	36	35	33	29	13	5.11	
E0192	Troubleshoot magic-T networks	1.24	2	5	5	5	3	3	5.83	
E0193	Troubleshoot power combiners	2.20	7	15	17	16	14	6	6.01	
E0194	Troubleshoot or repair automatic leveling systems	1.83	7	10	10	9	6	2	6.29	
E0195	Troubleshoot or repair cooling air circulation systems	1.61	2	21	18	17	16	8	5.82	
E0196	Troubleshoot or repair line-voltage regulators	2.02	7	12	12	12	8	5	6.09	
E0202	Troubleshoot or repair uplink waveguide switching networks	2.68	7	20	19	17	19	8	6.25	
E0203	Troubleshoot or repair high-voltage power supplies	4.32	12	45	45	46	35	15	6.64	
F0204	Adjust electrostatic surge arrestors (ESAs)	.93	2	7	6	7	3	1	5.43	
F0205	Adjust time distribution subsystem pre-processors (TDSPPs)	1.15	2	7	9	8	9	2	5.41	
F0206	Configure Air Force Satellite Communications (AFSATCOM) terminal equipment	3.93	12	39	34	35	21	7	6.07	
F0207	Operationally check automatic send and receive (ASR) units	1.76	7	8	8	8	5	2	4.62	
F0208	Operationally check command post synchronizers	1.27	2	5	6	5	3	2	4.63	
F0209	Operationally check communications security (COMSEC) controls	2.93	7	26	29	27	23	10	4.59	
F0210	Operationally check dual COMSEC switching units (DCSUs)	1.71	2	9	11	10	7	3	4.51	
F0211	Operationally check emergency action message (EAM) equipment	1.37	2	10	12	10	14	7	4.35	
F0212	Operationally check fault indicator panels (FIPs)	1.90	15	29	30	30	20	6	4.00	
F0213	Operationally check force synchronizers	.98	2	5	6	4	4	0	4.40	
F0214	Operationally check line modem units (LMUs)	1.56	2	17	14	13	11	2	4.34	
F0215	Operationally check magnetic tape memories (MTMs)	.85	2	7	8	7	6	0	4.16	
F0216	Operationally check message processor controls	.95	2	4	6	3	6	0	4.41	
F0217	Operationally check message processor units (MPUs)	1.24	2	6	6	4	6	1	4.49	
F0218	Operationally check radio frequency (RF) controls	2.68	15	38	37	36	28	7	4.49	
F0219	Operationally check receiver-transmitter (RT) controls	2.83	15	32	32	31	25	7	4.50	
F0220	Operationally check remote interface units (RIUs)	1.66	2	22	19	17	14	4	4.65	
F0221	Operationally check status display units (SDUs)	1.66	2	21	21	18	15	3	4.53	
F0222	Operationally check supervisory status panels (SSPs)	1.32	2	4	6	4	5	3	4.64	
F0223	Operationally check time standard modulators (TSMs)	1.56	2	12	14	11	13	4	4.30	
F0224	Perform emergency MPU bypass procedures	1.29	2	2	3	3	3	1	5.61	
F0225	Perform PMIs on ESAs	1.51	2	4	5	4	4	2	4.48	
F0226	Perform PMIs on LMUs	1.88	7	9	7	6	6	1	4.56	
F0227	Perform PMIs on TDSPPs	2.02	7	7	10	8	9	3	4.49	
F0228	Perform PMIs on TSMs	2.12	7	11	12	10	12	4	4.40	



F0229	Remove or replace ASR units	1.15	2	2	4	2	4	2	4.68
F0230	Remove or replace central processing units (CPUs)	1.20	2	13	14	11	14	4	4.89
F0231	Remove or replace command post synchronizers	1.07	2	3	4	4	3	1	4.94

D										
T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
F0232	Remove or replace COMSEC controls	1.88	7	14	15	13	9	6	4.94	
F0233	Remove or replace DCSUs	1.66	2	7	11	10	9	2	4.65	
F0234	Remove or replace digital interface units (DIUs)	1.02	2	5	8	6	6	2	4.72	
F0235	Remove or replace ESAs	1.02	2	3	5	4	4	3	4.52	
F0236	Remove or replace force synchronizers	1.07	2	3	3	3	2	1	4.62	
F0237	Remove or replace LMUs	1.27	2	6	6	5	5	1	4.64	
F0238	Remove or replace message processor controls	.95	2	4	5	3	5	1	4.91	
F0239	Remove or replace MTMs	.76	2	2	3	3	3	1	4.60	
F0240	Remove or replace RF controls	2.12	7	17	19	17	14	4	4.76	
F0241	Remove or replace RIUs	.95	2	5	4	4	3	2	4.75	
F0242	Remove or replace RT controls	1.51	2	7	9	8	8	4	4.73	
F0243	Remove or replace SDUs	1.07	2	4	5	4	4	1	4.83	
F0244	Remove or replace SSPs	1.00	2	2	2	2	3	0	4.70	
F0245	Remove or replace TDSPPs	1.29	2	4	7	6	9	3	4.60	
F0246	Remove or replace TSMS	1.51	2	8	11	10	12	5	4.54	
F0247	Schedule satellite users	.90	2	6	6	6	5	3	5.25	
F0248	Troubleshoot AFSATCOM systems to identify faulty units	3.07	11	23	23	25	16	5	6.49	
F0249	Troubleshoot or repair ASR units	1.12	2	3	3	3	3	2	6.00	
F0250	Troubleshoot or repair command post synchronizers	.73	2	4	4	4	2	1	6.11	
F0251	Troubleshoot or repair COMSEC controls	1.41	2	13	10	9	8	4	6.04	
F0252	Troubleshoot or repair CPUs	1.10	2	6	9	7	10	5	6.47	
F0253	Troubleshoot or repair DCSUs	1.98	7	4	10	8	8	2	6.24	
F0254	Troubleshoot or repair DIUs	.98	2	4	4	4	3	1	6.32	
F0255	Troubleshoot or repair EAM equipment	1.07	2	7	7	6	9	5	6.13	
F0256	Troubleshoot or repair ESAs	.93	2	3	3	4	2	1	6.23	
F0257	Troubleshoot or repair FIPs	.95	2	3	4	3	3	1	6.17	
F0258	Troubleshoot or repair force synchronizers	1.24	2	2	2	2	2	1	6.20	
F0259	Troubleshoot or repair LMUs	1.20	2	7	5	5	4	1	6.28	
F0260	Troubleshoot or repair message processor controls	.83	2	6	5	4	4	1	6.15	
F0261	Troubleshoot or repair MTMs	.71	2	3	3	3	3	1	6.31	
F0262	Troubleshoot or repair RF controls	2.46	7	27	24	24	16	5	6.14	
F0263	Troubleshoot or repair RIUs	1.10	2	7	5	4	3	1	6.13	
F0264	Troubleshoot or repair RT controls	1.51	2	10	10	10	7	2	6.15	
F0265	Troubleshoot or repair SDUs	1.07	2	4	4	4	3	1	6.23	
F0266	Troubleshoot or repair selective message routers (SMRs)	.63	2	6	3	4	2	1	6.24	
F0267	Troubleshoot or repair SSPs	.95	2	2	3	3	2	0	6.14	
F0268	Troubleshoot or repair TDSPPs	1.24	2	7	9	8	9	4	6.15	
F0269	Troubleshoot or repair TSMS	1.37	2	7	10	9	11	4	6.05	
G0270	Brief crew members or passengers on emergency procedures	.66	1	10	14	15	13	3	3.79	
G0271	Conduct aircrew mission briefings	.00	****	2	2	2	3	3	3.85	
G0272	Coordinate correction of aircraft discrepancies or malfunctions with aircraft commander or job control	.00	****	1	2	1	3	2	4.70	
G0273	Inspect life support equipment	.78	2	5	6	6	5	1	4.40	
G0274	Inspect ramp areas for foreign object damage (FOD)	.66	1	4	5	4	7	4	2.11	

G0275	Monitor radio communication transmissions	1.54	1	14	14	14	12	9	2.89
G0276	Perform aircrew safety observer procedures	.41	1	2	2	2	3	1	3.57
G0277	Perform post-flight equipment checkouts	.61	2	5	4	4	6	3	4.92

D										
T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
G0278	Perform pre-flight equipment checkouts	.51	2	7	5	5	8	4	5.01	
G0279	Secure equipment for takeoff or landing	.39	1	6	4	4	7	3	3.77	
G0280	Write or update flight manuals, safety and operational supplements, or flight crew checklists	.00	****	3	2	2	3	3	5.99	
H0281	Adjust amplitude or delay equalizers	1.49	2	7	11	12	5	4	5.47	
H0282	Adjust bit synchronizers	1.02	2	16	13	14	8	4	5.23	
H0283	Adjust Ear-and-Mouth (E-and-M) signaling and control circuits	.98	2	3	10	10	7	5	5.10	
H0284	Adjust echo suppressors	1.17	2	8	10	10	7	4	5.35	
H0285	Adjust fiber-optic receivers or transmitters	1.68	2	8	12	12	11	7	5.61	
H0286	Adjust four way/four wire bridges	1.20	2	2	6	6	4	4	5.37	
H0288	Adjust in-band signaling and control circuits	1.27	2	4	8	8	4	3	5.30	
H0289	Adjust level converters	1.63	2	17	19	21	10	3	5.02	
H0290	Adjust level regulators	1.15	2	6	9	10	4	2	4.97	
H0291	Adjust line isolation assemblies or battery isolation relay assemblies	1.17	2	2	6	6	4	2	5.26	
H0292	Adjust modems	4.39	18	57	53	54	38	12	5.19	
H0293	Adjust modulators or demodulators	4.46	12	49	47	48	33	13	5.34	
H0294	Adjust multiplexers or demultiplexers	4.73	18	56	51	54	35	15	5.33	
H0295	Adjust out-of-band signaling and control circuits	1.20	2	8	11	11	6	1	5.48	
H0296	Adjust power supplies	4.22	12	48	42	44	34	17	4.89	
H0297	Adjust shift keying modems	1.59	2	25	23	25	12	3	5.30	
H0298	Adjust two wire/four wire conversion and termination circuits	1.05	2	14	15	17	10	6	5.04	
H0299	Adjust word selectors	.66	2	2	2	2	2	0	5.21	
H0300	Configure cryptographic equipment	3.49	12	36	36	41	28	17	4.95	
H0301	Configure echo suppressors	1.44	2	8	10	8	8	3	4.91	
H0302	Configure encoders or decoders	1.27	2	18	17	15	14	4	5.05	
H0303	Operate bit synchronizers	1.41	2	17	18	16	13	6	4.40	
H0304	Operate modulators or demodulators	4.34	12	47	49	50	35	17	4.36	
H0305	Operate word selectors	.51	2	2	2	2	2	0	4.33	
H0307	Perform modem bit error rate tests	4.90	12	43	45	44	36	17	4.72	
H0308	Perform modem link characterization tests	3.17	11	17	16	15	16	8	5.69	
H0309	Perform PMIs on bit synchronizers	1.49	2	13	12	12	10	4	4.58	
H0310	Perform PMIs on modulators or demodulators	3.80	12	40	43	44	31	12	4.54	
H0311	Perform PMIs on word selectors	.80	2	3	4	4	3	0	4.68	
H0312	Perform PMIs on encoders or decoders	1.59	2	14	16	14	12	3	4.70	
H0313	Perform PMIs on four way/four wire bridges	1.05	2	4	7	7	5	3	4.60	
H0316	Remove or replace amplitude or delay equalizers	1.12	2	5	8	8	6	3	4.80	
H0317	Remove or replace bit synchronizers	1.22	2	11	11	10	11	5	4.65	
H0318	Remove or replace computer interface equipment	1.78	7	8	11	10	14	8	4.83	
H0319	Remove or replace cryptographic equipment	2.46	15	27	30	31	26	13	4.33	
H0320	Remove or replace E-and-M signaling and control circuits	1.12	2	2	8	7	8	4	4.73	
H0321	Remove or replace echo suppressors	1.37	2	6	8	8	7	2	4.49	
H0322	Remove or replace encoders or decoders	1.27	2	16	14	15	11	3	4.55	
H0323	Remove or replace fiber-optic receivers or	2.54	7	7	14	12	15	10	4.68	

transmitters

H0324	Remove or replace four way/four wire bridges	1.02	2	6	7	6	6	4	4.53
H0325	Remove or replace frequency generators	1.95	7	17	21	21	16	5	4.36

D									
T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
H0326	Remove or replace hubbing or multiparty equipment	.98	2	5	5	6	3	0	4.84
H0327	Remove or replace in-band signaling and control circuits	.59	2	2	7	7	5	1	4.73
H0328	Remove or replace level converters	1.44	2	18	19	20	12	5	4.38
H0329	Remove or replace level inverters	1.24	2	7	10	10	5	1	4.63
H0330	Remove or replace line or battery isolation relay assemblies	1.02	2	7	7	6	5	2	4.67
H0331	Remove or replace modems	4.02	18	54	56	56	44	17	4.30
H0332	Remove or replace modulators or demodulators	3.63	12	42	46	45	37	13	4.36
H0333	Remove or replace multiplexers or demultiplexers	3.10	12	50	49	50	38	18	4.33
H0334	Remove or replace out-of-band signaling and control circuits	.88	2	5	7	7	5	2	4.43
H0335	Remove or replace power supplies	3.83	18	55	58	59	46	22	4.32
H0336	Remove or replace series or parallel converters	1.12	2	7	10	8	6	2	4.60
H0337	Remove or replace two wire/four wire conversion and termination circuits	.80	2	5	8	7	7	4	4.53
H0338	Remove or replace word selectors	.56	2	2	2	2	2	0	4.54
H0339	Troubleshoot or repair amplitude or delay equalizers	1.32	2	4	7	6	5	2	5.88
H0340	Troubleshoot or repair bit synchronizers	1.37	2	12	10	10	8	4	5.99
H0341	Troubleshoot or repair computer interface equipment	1.66	2	6	8	7	10	4	6.11
H0342	Troubleshoot or repair E-and-M signaling and control circuits	1.12	2	3	6	6	7	5	6.01
H0343	Troubleshoot or repair echo suppressors	1.24	2	10	10	10	7	2	6.19
H0344	Troubleshoot or repair encoders or decoders	.98	2	12	11	11	9	3	6.12
H0345	Troubleshoot or repair four way/four wire bridges	.98	2	6	8	6	6	4	6.15
H0346	Troubleshoot or repair hubbing or multiparty equipment	.98	2	4	5	6	3	2	6.28
H0347	Troubleshoot or repair in-band signaling and control circuits	1.02	2	2	6	6	4	2	6.15
H0348	Troubleshoot or repair level converters	1.44	2	16	18	17	11	4	6.05
H0349	Troubleshoot or repair level inverters	1.05	2	5	9	8	4	1	6.11
H0350	Troubleshoot or repair line or battery isolation relay assemblies	.98	2	4	6	4	5	1	6.07
H0352	Troubleshoot or repair modulators or demodulators	4.22	12	44	48	47	36	13	6.22
H0354	Troubleshoot or repair out-of-band signaling and control circuits	.71	2	7	7	7	5	2	6.34
H0355	Troubleshoot or repair power supplies	4.10	12	44	46	46	36	18	6.07
H0356	Troubleshoot or repair series or parallel converters	.85	2	11	10	10	5	1	6.16
H0357	Troubleshoot or repair two wire/four wire conversion and termination circuits	.88	2	5	9	8	7	4	6.21
H0358	Troubleshoot or repair word selectors	.49	2	2	2	2	2	0	6.10
I0359	Adjust analog-to-digital or digital-to-analog converters	2.51	7	19	24	22	16	10	5.25
I0360	Adjust automatic frequency controls (AFCs)	1.98	7	9	11	11	9	4	5.12
I0361	Adjust battery charging systems	1.39	2	9	13	12	11	7	5.11
I0362	Adjust built-in test equipment (BITE)	3.37	12	40	40	40	29	13	4.79
I0363	Adjust carrier-level detectors	1.93	7	6	11	10	9	3	5.06
I0364	Adjust closed circuit video systems (CCVSs)	.72	2	2	2	2	5	4	5.24

I0365	Adjust command destruct systems	.34	2	3	3	3	2	1	5.30
I0366	Adjust countdown clocks	.78	2	6	5	5	3	1	5.15
I0367	Adjust digital recorders or printers	.90	2	6	7	6	6	3	4.96

Tsk Y Nbr	Task Title	TNG EMP	ATI	1ST JOB	1ST ENL	3- LVL	5- LVL	7- LVL	TSK DIF
I0368	Adjust diversity combiners	.85	2	4	6	3	6	2	5.36
I0369	Adjust elapsed-time clocks	.76	2	3	4	4	3	1	5.20
I0370	Adjust equipment alarm circuits or automatic fault sensing and switching networks	1.88	7	10	14	15	9	5	5.20
I0371	Adjust facsimile equipment	.46	2	4	8	8	5	2	5.19
I0372	Adjust fiber-optic systems	2.02	7	11	13	12	12	9	5.58
I0373	Adjust frequency standards	2.68	7	21	23	23	20	8	5.21
I0374	Adjust hybrid bridges	1.00	2	3	3	4	2	1	5.22
I0375	Adjust infrared systems	.54	2	2	2	2	2	0	5.37
I0376	Adjust laser systems	.78	2	2	2	3	2	2	5.75
I0377	Adjust line conditioning equipment	1.68	2	5	7	7	7	5	5.32
I0378	Adjust magnetic data tape recorders	.66	2	5	5	4	3	2	5.39
I0379	Adjust mission console workstations	.54	2	2	5	5	4	1	5.28
I0380	Adjust munitions firing systems	.32	2	3	3	3	2	2	5.37
I0381	Adjust optical disk recorders	.51	2	2	2	3	1	1	5.36
I0382	Adjust optical systems	.73	2	3	3	3	4	4	5.44
I0383	Adjust oscillators	2.80	7	30	28	29	20	9	5.16
I0384	Adjust oscillograph recorders	.37	2	2	2	2	2	2	5.53
I0385	Adjust printers	.68	2	11	16	16	12	5	5.06
I0386	Adjust private branch exchange (PBX) systems or switchboard interface equipment	.68	2	1	3	2	3	3	5.44
I0387	Adjust signaling subsystems	1.24	2	4	4	4	3	3	5.49
I0388	Adjust synthesizers	2.63	7	17	21	22	14	4	5.00
I0389	Adjust transducers	.73	2	5	6	5	5	4	5.40
I0390	Adjust transmit or receive path equalizers	1.49	2	7	9	9	5	2	5.45
I0391	Adjust uninterruptible power supplies (UPSs)	1.80	7	12	12	10	10	6	5.27
I0392	Adjust general purpose power supplies	2.05	7	19	18	18	15	12	4.77
I0393	Calibrate transducers	.76	2	3	3	3	3	3	5.79
I0394	Operate computer processors	1.66	2	4	11	9	13	9	4.82
I0395	Perform PMIs on CCVSs	.46	2	3	2	3	1	2	4.56
I0396	Perform PMIs on command destruct systems	.27	2	4	4	4	2	0	4.54
I0397	Perform PMIs on computer processors	1.02	2	3	5	3	5	1	4.68
I0398	Perform PMIs on countdown clocks	.71	2	3	3	3	2	1	4.51
I0399	Perform PMIs on digital recorders or printers	1.10	2	2	6	6	3	2	4.60
I0400	Perform PMIs on elapsed-time clocks	.59	2	1	2	2	2	0	4.52
I0401	Perform PMIs on infrared systems	.59	2	2	2	2	1	0	4.53
I0402	Perform PMIs on laser systems	.59	2	4	3	3	1	1	4.90
I0403	Perform PMIs on magnetic data tape recorders	.83	2	2	5	5	3	3	4.89
I0404	Perform PMIs on mission console workstations	.59	2	4	5	6	3	1	4.68
I0405	Perform PMIs on munitions firing systems	.27	2	2	3	2	2	2	4.78
I0406	Perform PMIs on optical disk recorder	.51	2	1	2	2	1	2	4.62
I0407	Perform PMIs on optical systems	.66	2	4	5	5	4	2	4.71
I0408	Perform PMIs on oscillograph recorders	.27	2	1	2	2	2	1	4.66
I0409	Perform PMIs on analog-to-digital or digital-to-analog converters	2.15	7	16	19	19	13	4	4.47
I0410	Perform PMIs on attenuator pads	1.44	1	5	8	8	5	2	3.90
I0411	Perform PMIs on automatic or manual transfer units or	1.24	2	4	5	5	4	1	4.48



	switching panels											
I0412	Perform PMIs on BITE	2.34	15	31	31	31	25	8	4.08			

D	T Tsk	TNG	1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	DIF
I0413	Perform PMIs on distribution frames and associated wiring	1.29	2	5	8	7	6	2 4.23
I0414	Perform PMIs on diversity combiners	1.02	2	6	6	6	3	2 4.60
I0415	Perform PMIs on equipment alarm circuits or automatic fault sensing and switching networks	1.85	7	7	12	10	10	4 4.30
I0416	Perform PMIs on fiber-optic systems	2.02	7	12	16	17	12	6 4.49
I0418	Perform PMIs on hybrid bridges	.80	2	2	3	2	2	2 4.54
I0419	Perform PMIs on hybrid term units	.80	2	2	3	2	1	1 4.55
I0420	Perform PMIs on line conditioning equipment	1.05	2	3	7	6	6	4 4.27
I0421	Perform PMIs on magnetic data tape recorders	.68	2	5	5	4	3	2 4.63
I0422	Perform PMIs on magnetic mass storage	.68	2	3	3	3	2	1 4.68
I0423	Perform PMIs on oscillators	1.83	7	19	18	18	12	5 4.21
I0424	Perform PMIs on patch panels	2.22	3	21	25	26	17	8 3.94
I0425	Perform PMIs on printers	.93	1	10	15	13	14	6 3.99
I0426	Perform PMIs on RF combiners	1.56	2	13	18	17	13	3 4.41
I0427	Perform PMIs on remote control devices	.98	2	8	9	9	6	3 4.06
I0428	Perform PMIs on station batteries	1.20	2	8	11	10	7	4 4.25
I0429	Perform PMIs on UPSs	1.51	2	14	18	17	13	5 4.14
I0430	Remove or replace AFCs	1.00	2	4	4	4	3	2 4.83
I0431	Remove or replace analog-to-digital or digital-to-analog converters	2.00	7	17	20	19	15	8 4.82
I0432	Remove or replace attenuators	2.34	3	26	28	28	22	11 3.80
I0433	Remove or replace automatic or manual transfer units or switching panels	1.00	2	4	7	7	5	3 4.76
I0434	Remove or replace battery charging systems	1.00	2	6	11	9	9	7 4.97
I0435	Remove or replace BITE	2.29	15	28	31	32	22	8 4.50
I0436	Remove or replace carrier-level detectors	.95	2	5	7	8	4	1 4.81
I0437	Remove or replace CCVSSs	.88	2	2	3	2	2	1 4.61
I0438	Remove or replace command destruct systems	.63	2	5	4	4	1	0 4.75
I0439	Remove or replace countdown clocks	.54	2	2	3	2	3	1 4.61
I0440	Remove or replace digital recorders or printers	.76	2	3	7	6	6	5 4.63
I0441	Remove or replace elapsed-time clocks	.51	2	2	3	2	3	1 4.69
I0442	Remove or replace equipment alarm circuits or automatic fault sensing and switching networks	1.02	2	5	8	7	7	6 4.72
I0443	Remove or replace fiber-optic system components	1.73	2	7	11	12	9	9 4.91
I0444	Remove or replace frequency standards	2.39	7	15	16	15	16	9 4.85
I0445	Remove or replace hybrid bridges	.95	2	4	3	3	2	2 4.75
I0446	Remove or replace infrared systems	.68	2	2	2	1	2	0 5.04
I0447	Remove or replace laser systems	.68	2	2	2	2	2	2 5.46
I0448	Remove or replace line conditioning equipment	1.02	2	5	8	8	6	6 4.61
I0449	Remove or replace line equalizers	.98	2	3	5	4	4	2 4.57
I0450	Remove or replace magnetic data tape recorders	.83	2	6	6	6	4	3 4.66
I0451	Remove or replace magnetic mass storage	.78	2	2	2	1	2	1 4.69
I0452	Remove or replace mission console workstations	.54	2	4	7	7	4	2 4.68
I0453	Remove or replace mixers	1.27	2	10	11	11	6	4 4.79
I0454	Remove or replace munitions firing systems	.27	2	2	3	2	2	1 4.81
I0455	Remove or replace optical disk recorders	.55	2	2	2	2	1	0 4.55

I0456	Remove or replace optical systems	.68	2	3	3	2	3	2	5.10
I0457	Remove or replace oscillators	1.32	2	17	22	21	15	7	4.76
I0458	Remove or replace oscillograph recorders	.27	2	2	2	2	2	1	4.70

D										
T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
I0459	Remove or replace patch panels	1.93	7	17	23	22	18	10	5.02	
I0460	Remove or replace printers	.85	2	11	16	13	16	7	4.09	
I0461	Remove or replace remote control devices	.95	2	8	10	9	6	3	4.53	
I0462	Remove or replace RF combiners	1.68	2	16	20	18	15	6	4.88	
I0463	Remove or replace signaling subsystem components	.95	2	5	7	6	5	3	4.90	
I0464	Remove or replace station batteries	.83	2	12	12	10	10	5	4.62	
I0465	Remove or replace synthesizers	1.93	7	21	21	23	13	5	4.72	
I0466	Remove or replace test translators	1.07	2	14	13	13	11	5	4.71	
I0467	Remove or replace transducers	.83	2	7	7	6	5	4	4.75	
I0468	Remove or replace UPS components	1.12	2	6	9	6	11	6	4.69	
I0469	Remove or replace general purpose power supplies	1.85	7	17	20	19	19	13	4.23	
I0470	Troubleshoot attenuators	1.61	2	16	19	18	15	6	4.61	
I0471	Troubleshoot or repair AFCs	1.17	2	2	3	4	3	3	5.68	
I0472	Troubleshoot or repair analog-to-digital or digital-to-analog converters	1.98	7	16	20	18	14	8	6.12	
I0473	Troubleshoot or repair automatic or manual transfer units or switching panels	.98	2	4	8	7	6	2	6.02	
I0474	Troubleshoot or repair battery charging systems	.90	2	7	10	9	9	8	5.71	
I0475	Troubleshoot or repair BITE	2.17	7	22	27	27	22	9	5.72	
I0476	Troubleshoot or repair carrier-level detectors	1.24	2	5	7	6	4	1	5.87	
I0477	Troubleshoot or repair CCVSS	.59	2	2	2	1	2	1	6.09	
I0478	Troubleshoot or repair command destruct systems	.24	2	4	3	3	1	0	6.11	
I0479	Troubleshoot or repair computer processors	.54	2	5	6	4	7	2	6.45	
I0480	Troubleshoot or repair countdown clocks	.44	2	5	3	3	2	1	6.35	
I0481	Troubleshoot or repair cryptographic equipment	1.22	2	11	13	15	10	5	6.50	
I0482	Troubleshoot or repair digital recorders or printers	.54	2	3	6	6	5	1	6.29	
I0483	Troubleshoot or repair distribution frames and associated wiring	1.29	2	2	6	5	5	4	6.18	
I0484	Troubleshoot or repair elapsed-time clocks	.32	2	1	2	2	2	1	6.14	
I0485	Troubleshoot or repair equipment alarm circuits or automatic fault sensing and switching networks	1.12	2	8	10	9	6	5	6.15	
I0486	Troubleshoot or repair facsimile equipment	.44	2	5	6	5	4	2	6.29	
I0487	Troubleshoot or repair fiber-optic systems	1.46	2	8	14	15	12	8	6.37	
I0489	Troubleshoot or repair hybrid bridges	.68	2	2	2	1	2	2	6.23	
I0490	Troubleshoot or repair infrared systems	.44	2	2	2	2	2	0	6.46	
I0491	Troubleshoot or repair laser systems	.20	2	3	2	2	2	1	6.77	
I0492	Troubleshoot or repair line conditioning equipment components	.85	2	6	8	6	6	4	6.14	
I0493	Troubleshoot or repair line equalizers	.68	2	4	4	4	2	2	6.12	
I0494	Troubleshoot or repair magnetic data tape recorders	.61	2	5	5	5	4	2	6.42	
I0495	Troubleshoot or repair magnetic mass storage	.39	2	2	2	3	1	0	6.47	
I0496	Troubleshoot or repair mission console workstations	.49	2	3	6	7	3	3	6.51	
I0497	Troubleshoot or repair mixers	1.12	2	9	12	11	7	4	5.96	
I0498	Troubleshoot or repair munitions firing systems	.15	2	2	2	2	2	1	6.22	
I0499	Troubleshoot or repair optical disk recorders	.17	2	2	2	2	2	1	6.45	
I0500	Troubleshoot or repair optical systems	.76	2	1	3	2	4	4	6.61	
I0501	Troubleshoot or repair oscillators	1.58	2	17	18	18	11	7	6.11	

I0502	Troubleshoot or repair oscillograph recorders	.49	2	2	3	2	2	1	6.41
I0503	Troubleshoot or repair patch panels	3.00	15	30	30	29	24	11	5.60
I0504	Troubleshoot or repair power distribution panels	1.80	7	17	18	17	17	7	5.70

D										
T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
I0505	Troubleshoot or repair printers	.80	2	11	14	12	14	8	5.87	
I0506	Troubleshoot or repair remote control devices	.98	2	7	9	7	6	4	5.94	
I0507	Troubleshoot or repair RF combiners	1.59	2	17	18	16	16	3	5.96	
I0508	Troubleshoot or repair signaling subsystems	.73	2	6	7	6	5	4	6.16	
I0509	Troubleshoot or repair synthesizers	1.37	2	21	21	20	14	4	6.09	
I0510	Troubleshoot or repair test translators	.71	2	20	16	17	12	4	5.99	
I0511	Troubleshoot or repair transducers	.49	2	8	7	6	5	3	6.21	
I0512	Troubleshoot or repair UPSs	1.37	2	9	11	10	12	7	6.17	
I0513	Troubleshoot or repair general purpose power supplies	2.51	7	19	20	21	20	13	5.76	
J0514	Annotate master station or project logs	3.17	10	28	38	36	40	21	2.33	
J0515	Compose and transmit messages using teletype equipment	1.27	1	12	14	14	14	7	3.30	
J0517	Configure automatic or manual transfer units or switching panels	1.95	7	7	14	12	11	4	4.83	
J0518	Configure computer based data processing equipment	1.41	2	7	10	10	11	10	5.17	
J0520	Configure equipment for network operations	3.00	7	20	21	21	20	10	5.17	
J0521	Configure global positioning satellite (GPS) receivers	3.73	11	20	22	20	25	12	4.90	
J0525	Configure recording equipment	1.29	2	6	10	10	12	8	4.76	
J0526	Configure timing equipment	4.27	12	31	35	34	31	21	5.37	
J0527	Coordinate operational schedule changes with area controlling agencies	1.54	2	4	9	7	16	13	5.00	
J0530	Initiate satellite equipment reports (SERs)	2.98	7	24	28	29	23	8	4.43	
J0531	Monitor frequencies, such as to determine interference or equipment operation	2.63	15	24	30	28	27	12	4.89	
J0532	Perform post-pass procedures	1.59	2	7	5	4	6	4	4.69	
J0533	Perform pre-pass procedures	1.49	2	7	6	5	7	4	4.67	
J0534	Perform amplitude linearity tests	1.46	2	5	6	5	5	3	5.18	
J0535	Perform audio frequency tests	1.61	2	10	10	10	6	4	4.62	
J0536	Perform baseband loading procedures	1.90	7	7	9	8	6	1	5.07	
J0537	Perform baseband sweep procedures	2.00	7	11	14	13	9	3	5.23	
J0539	Perform carrier-to-receiver noise density (C/kT) checks	3.10	11	14	19	17	19	9	5.76	
J0540	Perform changeovers between commercial power and back up generators	2.73	7	21	28	26	25	9	4.63	
J0541	Perform communications circuit fault isolation procedures	4.27	12	25	33	33	30	15	5.69	
J0542	Perform frequency response tests	2.34	7	15	17	15	14	8	5.87	
J0543	Perform harmonic distortion tests	1.24	2	7	8	6	7	2	6.04	
J0544	Perform idle channel noise tests	1.68	2	10	10	8	8	2	5.46	
J0545	Perform loop-back or end-to-end tests	4.24	12	50	49	50	39	19	5.37	
J0548	Perform orderwire noise level tests	1.80	7	12	11	12	6	3	5.51	
J0549	Perform patch or test facilities alternate circuit routing procedures	2.56	7	11	13	14	12	6	5.34	
J0550	Perform receive link gain checks	3.02	7	14	20	21	15	8	5.41	
J0553	Perform satellite acquisition procedures	5.71	12	46	49	47	42	17	5.09	
J0554	Perform satellite network operations procedures	3.44	11	21	23	21	22	10	5.21	
J0555	Perform satellite tracking procedures	5.34	12	46	49	49	39	15	4.82	
J0556	Perform software loading procedures	2.15	7	11	12	17	21	11	4.55	

J0557	Perform switchovers of equipment subassemblies to redundant equipment	3.68	12	26	31	31	29	15	4.40
J0558	Perform terminal impedance tests	1.17	2	11	10	10	6	2	5.18

D										
T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
J0559	Perform test tone level tests	2.63	7	17	16	17	10	7	4.46	
J0561	Perform voltage standing wave ratio (VSWR) measurements	2.41	7	20	22	21	19	8	5.28	
J0562	Report satellite status to appropriate agencies	3.76	10	22	30	28	29	17	3.42	
J0563	Submit after-action reports	2.37	7	9	17	14	25	17	4.41	
J0564	Submit gateway access requests	1.15	2	5	7	6	11	8	4.87	
J0566	Update ephemeris sets	1.00	2	9	15	15	14	8	4.71	
K0568	Adjust kineto tracking mount (KTM) systems	.12	2	2	1	1	1	0	5.52	
K0569	Analyze test requirements to determine support such as equipment, facilities, or personnel	.56	2	5	8	7	10	13	5.96	
K0570	Assemble and install cable troughs	.71	2	8	10	8	9	6	4.03	
K0571	Assemble and install interconnects	1.61	2	7	9	8	12	10	4.16	
K0572	Coordinate instrumentation checkouts with other test teams	.85	2	7	8	7	8	8	4.84	
K0573	Coordinate project support agreements (PSAs) with appropriate agencies	.29	2	3	4	4	5	12	5.66	
K0574	Coordinate test directives with appropriate agencies	.15	2	6	7	6	8	9	5.58	
K0575	Coordinate test item or equipment preparation with technical data agencies or engineers	.15	2	4	7	7	9	15	5.53	
K0576	Coordinate test parameters with test directors	.39	2	2	5	4	7	11	5.75	
K0577	Coordinate test support with base or range agencies	.27	2	4	7	4	9	13	5.69	
K0578	Design or construct electronic circuits	.27	2	6	7	4	8	6	8.03	
K0579	Design or construct mounting devices	.27	2	4	7	5	8	7	7.00	
K0580	Determine power source requirements for equipment operation	.93	2	7	13	10	15	12	6.67	
K0581	Draft blueprints, cabling, circuit or wiring schematic diagrams	.15	2	3	6	4	8	8	8.25	
K0582	Draft facility layouts	.05	2	3	3	3	6	4	7.73	
K0583	Draft systems diagrams	.32	2	2	6	2	8	8	7.77	
K0584	Evaluate condition and quality of instrumentation recordings	.12	2	6	5	4	4	6	7.03	
K0585	Evaluate test locations	.12	2	4	5	3	7	9	6.58	
K0586	Evaluate test safety requirements	.44	2	8	9	8	10	15	6.39	
K0587	Fabricate or repair cable connectors	3.05	12	28	38	34	40	23	5.18	
K0588	Form and fan equipment cables	1.61	2	4	9	8	10	11	4.96	
K0589	Install or remove antenna systems	3.49	12	34	40	38	35	18	5.14	
K0590	Install or remove cable ladders	1.49	2	10	8	9	5	4	4.53	
K0591	Install or remove cabling between van sites	2.10	7	18	24	24	17	8	4.12	
K0592	Install or remove distribution frames and associated wiring	1.02	2	7	9	8	7	5	5.05	
K0593	Install or remove electrical conduits	1.20	2	12	12	10	9	4	4.62	
K0594	Install or remove fixed communications equipment	2.05	7	21	17	19	14	9	5.33	
K0595	Install or remove line conditioning equipment	1.24	2	7	7	7	7	6	5.03	
K0596	Install or remove master station grounds	1.98	7	13	15	15	13	7	4.77	
K0597	Install or remove power distribution systems	1.63	2	14	15	15	11	7	5.28	
K0598	Install or remove power generating equipment	1.71	2	15	18	15	14	6	5.33	
K0599	Interpret blueprints, cabling, circuit or wiring	1.85	7	22	22	21	24	18	6.28	



	schematic diagrams								
K0600	Interpret logic diagrams	1.59	2	15	15	17	14	9	6.12
K0601	Operate KTM systems	.15	2	1	1	0	1	0	5.23

D										
T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
K0602	Operate range radars	.00	****	2	2	2	1	0	5.58	
K0603	Operationally check safe and arm devices	.46	2	2	5	3	4	2	5.08	
K0604	Perform information system (IS) relocation project or scheme procedures	.17	2	2	2	1	2	1	6.48	
K0605	Perform IS removal project or scheme procedures	.17	2	2	2	2	2	2	6.28	
K0606	Perform post-installation operational tests	.76	2	10	11	10	11	8	5.92	
K0607	Perform pre-implementation surveys	.41	2	4	4	3	5	5	5.93	
K0608	Perform project or scheme reviews	.15	2	5	4	3	4	6	6.22	
K0609	Perform site survey procedures	2.27	7	12	21	21	23	17	5.95	
K0610	Perform static firing of munitions or ordnance devices	.15	2	5	5	4	3	1	5.57	
K0611	Prepare job completion documentation	1.76	7	12	20	21	20	14	4.88	
K0612	Prepare post-installation documentation	1.17	2	7	10	10	11	10	5.07	
K0613	Prepare pre-implementation documentation	.90	2	7	9	9	9	9	5.16	
K0614	Prepare project or scheme review documentation	.20	2	2	4	4	4	7	5.47	
K0615	Prepare site for equipment installation	1.93	7	17	21	23	17	14	5.35	
K0616	Prepare work phase documentation	.44	2	4	7	6	7	5	5.64	
K0617	Set up antenna systems	4.78	12	38	43	41	35	16	5.54	
K0618	Set up or tear down KTM systems	.44	2	3	2	2	1	1	5.56	
K0619	Set up or tear down range radars	.32	2	3	2	2	2	0	5.61	
K0620	Site antenna systems	3.76	11	17	20	19	21	12	5.46	
K0621	Site KTM systems	.37	2	2	2	2	1	0	5.59	
L0622	Adjust daily maintenance plans to meet operational commitments	.90	2	14	15	13	20	29	5.35	
L0623	Analyze core automated maintenance system (CAMS), Reliability and Maintainability Information System (REMIS), Improved Maintenance Management Program (IMMP), or GO81 data	1.27	2	18	23	22	25	28	5.65	
L0624	Clear Red-X or hazardous conditions	.80	2	5	7	6	9	8	5.87	
L0625	Develop equipment inventory listings (EILs) and master PMI listings	.95	2	10	14	14	19	24	5.67	
L0626	Evaluate new, modified, or prototype equipment	.37	2	9	9	7	17	24	6.88	
L0627	Identify problem areas using deficiency, service, or status reports, such as reports of deficiency (RODs) or product quality deficiency reports (PQDRs), other than equipment or supply	1.07	2	10	13	12	24	34	6.15	
L0628	Initiate or annotate aircraft flight or maintenance records, such as AFTO Forms 781 (Aircrew/Mission Flight Data Document) or 349 (Maintenance Data Collection Record)-series	1.05	2	4	7	5	13	10	5.53	
L0629	Initiate or coordinate deficiency, service, or status reports, such as RODs or PQDRs	.95	2	7	12	12	23	29	5.75	
L0630	Maintain due-in-from-maintenance (DIFM) transaction reports	1.68	2	9	19	17	26	25	5.18	
L0631	Perform time compliance technical order (TCTO) inspections	2.46	15	31	36	34	38	25	5.43	
L0632	Report equipment status to appropriate agencies	2.02	15	24	22	22	28	27	4.18	

L0633 Retrieve CAMS, REMIS, IMMP, or GO81 listings or  
reports

1.59 14 29 38 39 42 38 4.68

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T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
L0634	Review aircraft flight or maintenance records, such as AFTO Forms 781 or 349-series	.46	2	4	6	4	11	11	4.91	
L0635	Review preventive maintenance schedules	2.85	15	30	43	39	48	39	4.08	
L0636	Update EIL and master PMI listings	1.10	2	10	23	21	31	31	4.58	
L0637	Update manual documents, such as AFTO Form 349 (Maintenance Data Collection Record)	2.71	7	10	26	25	32	24	4.34	
L0638	Update historical reports in CAMS, REMIS, IMMP, or GO81	2.27	15	23	36	36	41	28	4.41	
L0640	Update personnel data files in CAMS, REMIS, IMMP, or GO81	1.68	14	32	40	41	42	39	4.51	
L0641	Update workcenter training reports in CAMS, REMIS, IMMP, or GO81	1.37	14	22	32	31	37	38	4.59	
L0642	Verify accuracy of CAMS, REMIS, IMMP, or GO81 daily inputs	1.63	2	21	27	27	37	40	4.61	
M0643	Compile data for records, reports, logs, or trend analyses	.85	2	19	24	23	29	42	5.18	
M0644	Complete accident or incident reports	1.15	14	26	30	28	35	35	4.53	
M0645	Destroy classified materials or documents	3.15	13	40	50	51	51	42	3.99	
M0646	Establish or maintain automated technical order management system (ATOMS) accounts	1.07	2	11	17	17	20	19	4.76	
M0647	Establish or maintain accountability records for classified materials or documents	1.49	2	12	19	20	25	27	5.05	
M0648	Identify and report suspected security compromises	2.95	15	23	31	32	36	42	4.69	
M0649	Initiate classified reports, messages, or documents	1.05	2	9	15	12	20	24	5.30	
M0651	Initiate or maintain standby rosters or workcenter pyramid recall rosters	.71	1	13	23	24	27	50	3.67	
M0652	Initiate requests for temporary duty (TDY) orders	.46	2	7	8	7	20	49	4.39	
M0653	Inventory classified materials or documents	2.27	15	26	40	40	43	39	4.12	
M0654	Maintain administrative files	1.05	2	12	20	21	29	53	4.03	
M0655	Maintain publications libraries, other than TO libraries	1.46	2	14	23	21	28	29	4.01	
M0656	Maintain time compliance technical orders (TCTOs)	1.54	2	19	28	26	28	21	4.09	
M0658	Maintain or update status indicators, such as boards, graphs, or charts	.71	1	12	20	20	29	40	3.84	
M0659	Participate in TCTO meetings	.59	1	4	6	6	6	12	3.93	
M0660	Prepare administrative or classified materials or documents for mailing, transporting, or issue	.93	2	7	10	9	15	33	4.49	
M0661	Review TO changes	1.73	4	28	36	37	34	29	3.92	
M0662	Review TO improvement reports, such as AFTO Forms 22	1.32	2	19	23	23	25	31	4.28	
M0663	Write minutes of briefings, conferences, or meetings	.63	2	6	10	8	19	43	4.06	
N0664	Coordinate maintenance of equipment with appropriate agencies	1.22	2	18	26	25	36	49	4.31	
N0665	Develop equipment checklists	1.59	2	18	22	21	31	32	5.13	
N0666	Establish requirements for equipment, tools, parts or supplies	.80	2	17	24	22	31	42	5.00	
N0667	Evaluate serviceability of equipment, tools, parts, or supplies	2.54	15	34	37	37	40	48	4.65	

N0669	Initiate requisitions for equipment, tools, parts, or supplies	2.02	7	21	27	27	37	41	4.27
N0670	Inventory equipment, tools, parts, or supplies	2.88	8	50	58	58	56	42	3.50

D									
T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
N0671	Issue or log turn-ins of equipment, tools, parts, or supplies	1.95	5	27	33	35	36	32	3.76
N0672	Maintain documentation on items requiring periodic inspections or calibrations	1.78	15	26	30	31	35	26	4.06
N0673	Maintain organizational equipment or supply records	1.76	7	13	20	19	29	31	4.17
N0674	Pick up, deliver, or store equipment, tools, parts, or supplies	1.88	5	43	45	47	41	36	3.20
00675	Assign personnel to mobility or contingency positions	.29	2	2	2	2	9	28	4.26
00676	Brief deploying personnel	.41	2	2	3	2	14	25	4.22
00677	Compile or prepare status of resources training systems (SORTSS)	.39	2	2	5	4	8	25	5.34
00678	Complete operations plan (OPLAN) sourcing requirements	.32	2	2	1	1	2	11	5.98
00679	Compute OPLAN requirements status listings	.37	2	2	1	1	2	8	5.82
00680	Conduct contingency operation or mobility planning and execution system (COMPES) programs	.17	2	2	3	2	5	8	5.95
00681	Conduct mobility or deployment site surveys	1.85	7	6	14	16	19	21	5.67
00682	Configure mobile vans	2.24	7	21	29	30	25	13	5.54
00683	Coordinate area port joint inspections with area port squadrons	.10	2	3	2	2	2	6	5.35
00684	Coordinate deployment of personnel with other MAJCOMS or joint service commands	.17	2	3	2	2	2	16	5.90
00685	Coordinate exercise sourcing requirements with functional managers	.17	2	2	2	2	2	15	5.74
00686	Coordinate limited technical inspection (LTI) vehicle inspections with vehicle maintenance	.41	2	3	6	5	5	5	4.89
00687	Coordinate mobility or contingency requirements with appropriate agencies	.44	2	2	3	3	5	20	5.71
00688	Coordinate specific source of personnel requirements with appropriate agencies	.20	2	2	2	1	3	17	5.59
00689	Determine cost factors for support agreements	.22	2	2	2	1	3	13	6.45
00690	Determine specific source of personnel requirements for deployment manning documents	.32	2	2	2	2	3	12	6.07
00691	Develop contingency exercise mobility (CEM) orders	.29	2	2	2	2	1	4	5.87
00692	Develop cut sheets	2.24	7	9	18	17	20	17	6.31
00693	Develop maintenance plans	1.00	2	3	6	5	11	19	6.08
00694	Develop mobility inspection checklists	1.37	2	4	7	5	13	17	5.65
00695	Dig trenches, such as around tents and shelters	1.46	1	18	20	21	18	8	2.00
00696	Don or doff chemical warfare personal protective clothing	2.93	5	26	33	32	35	32	3.15
00697	Draft mobility or deployment after-action reports	.83	2	2	6	6	16	23	4.97
00698	Initiate or process acquisition documents, such as requests for proposals (RFPs)	.46	2	1	1	1	2	5	5.72
00699	Initiate or process modification management documents (MMDs)	.46	2	2	1	1	2	3	6.10
00700	Inspect cut sheets	2.85	7	18	25	24	25	21	5.51
00701	Inspect launch support systems	.00	****	2	2	2	2	1	5.40
00702	Inspect mobility bags or bins	1.00	2	22	28	28	28	21	3.20

00703	Inspect packed or palletized mobility or contingency equipment prior to transport	2.29	7	12	20	19	21	21	4.52
00704	Install ground systems at deployed locations	2.83	3	21	27	27	25	15	3.86

D									
T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF
00705	Load plan aircraft for deployments	.98	2	2	4	3	5	4	6.34
00706	Maintain disaster preparedness checklists	1.00	2	7	12	13	15	17	4.18
00707	Maintain accountability of personnel selected to fill OPLAN requirements	.29	2	1	2	2	3	12	4.62
00708	Maintain base OPLAN files	.07	2	1	2	1	2	3	4.90
00709	Pack or palletize mobility or contingency equipment for shipment or movement such as, airlift, road, or sealift	2.49	15	22	30	29	29	20	5.14
00710	Perform camouflage procedures	2.61	15	27	34	34	30	16	4.29
00711	Perform camp security	2.20	5	22	30	31	26	17	3.79
00712	Perform chemical warfare agent decontamination procedures	2.66	15	23	30	31	27	18	4.22
00713	Perform disease or pestilence countermeasures	1.61	2	12	12	11	10	8	4.35
00714	Perform explosive ordnance reconnaissance	2.20	3	19	19	20	19	15	3.99
00715	Perform pallet buildup activities	2.41	15	34	34	34	27	19	4.46
00716	Perform path profile procedures	1.46	2	4	5	5	9	8	5.62
00717	Perform plans file and mobility file matches	.49	2	2	3	3	4	4	4.52
00718	Perform predeployment reconnaissance surveys	1.10	2	5	7	6	8	9	5.10
00719	Perform site surveys for ground systems	1.90	7	11	17	18	18	17	5.00
00720	Perform source selection evaluation team (SSET) activities	.27	2	1	2	2	2	3	5.38
00721	Perform cover and concealment techniques for work party security	1.66	2	16	15	17	13	8	4.15
00722	Perform or set up site security	1.95	7	25	28	28	23	15	4.36
00723	Submit or process award fees	.02	2	1	2	2	2	6	5.50
00724	Submit or process requirement documents	.05	2	2	3	4	5	10	5.48
00725	Prepare equipment for deployments	2.39	15	26	30	30	28	16	5.04
00726	Submit or process incentive fees	.00	****	1	2	1	3	1	5.32
00727	Prepare sites at deployed locations, such as cutting grass or removing snow	1.54	1	12	19	19	17	8	2.49
00728	Process classified materials or documents at deployed locations	1.59	2	7	13	10	15	14	4.87
00729	Provide OPLAN requirements status listings to unit commanders	.20	2	2	1	1	3	7	5.33
00730	Request or distribute mobility requirements documents	.07	2	4	5	5	6	13	4.57
00731	Review contract action requests (CARs)	.07	2	2	1	1	1	6	5.54
00732	Review engineer change proposals (ECPs)	.27	2	2	1	2	2	9	5.95
00733	Review requirement documents	.41	2	3	5	6	6	13	5.39
00734	Set up or tear down shelters	3.22	12	35	38	36	30	17	4.13
00735	Set up or tear down tents	2.83	5	36	39	38	33	20	3.39
00736	Tear down, inspect, clean, and reassemble weapons	2.51	5	24	32	32	27	21	3.75
00737	Test ground systems at deployed locations	3.12	11	20	24	24	21	15	4.11
00738	Update SORTS reports	.44	2	5	8	9	11	22	5.12
P0739	Administer or score tests	.49	1	2	4	4	25	18	3.09
P0740	Brief personnel concerning training programs or matters	.71	1	2	10	6	33	48	3.99
P0741	Complete student entry or withdrawal forms	.34	1	2	2	2	12	12	3.51



P0742	Conduct formal course classroom training	.56	2	4	7	8	11	10	5.21
P0743	Conduct on-the-job training (OJT)	2.07	15	27	42	43	58	48	5.10
P0744	Counsel trainees on training progress	1.10	2	4	10	10	44	54	4.60

D										
T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
P0745	Determine training requirements	1.29	2	7	10	10	35	52	5.22	
P0746	Develop formal course curricula, plans of instruction (POIs), or specialty training standards (STSS)	.15	2	2	3	3	9	12	6.40	
P0747	Develop training programs, plans, or procedures	.68	2	7	10	8	28	42	6.24	
P0748	Develop written tests	.59	2	2	3	3	12	13	6.08	
P0749	Develop or procure training materials or aids	.68	2	4	9	9	23	28	5.62	
P0750	Establish or maintain study reference files	.95	2	2	5	5	12	17	5.00	
P0751	Evaluate training methods or techniques of instructors	.76	2	1	5	4	11	20	5.73	
P0752	Evaluate effectiveness of training programs, plans, or procedures	.59	2	2	5	4	18	35	5.88	
P0753	Evaluate progress of trainees	1.29	2	2	9	8	38	50	4.96	
P0754	Inspect training materials or aids for operation or suitability	1.02	2	0	4	3	16	30	5.05	
P0755	Maintain training records or files	2.24	15	18	31	29	51	54	4.57	
P0756	Personalize lesson plans	1.22	2	1	4	6	16	21	4.87	
P0757	Prepare job qualification standards (JQSs)	.54	2	2	9	8	24	29	5.64	
P0758	Write training reports	.39	2	1	2	3	9	17	5.47	
Q0759	Annotate time and attendance sheets for civilian employees	.24	1	1	1	1	2	4	3.68	
Q0760	Assign personnel to work areas or duty positions	.59	2	1	3	2	16	50	4.51	
Q0761	Assign sponsors for newly assigned personnel	.54	1	0	1	2	12	46	3.13	
Q0762	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	.39	2	4	4	4	17	55	4.46	
Q0763	Conduct self-inspections or self-assessments	1.59	2	10	16	16	30	60	4.58	
Q0764	Conduct staff assistance visits, inspections, or audits	.56	2	1	1	2	7	27	5.38	
Q0765	Conduct supervisory performance feedback sessions	.41	2	0	1	2	34	63	4.85	
Q0766	Conduct safety inspections of equipment or facilities	1.61	2	9	13	13	27	47	4.55	
Q0767	Conduct supervisory orientations for newly assigned personnel	.56	2	2	2	2	27	57	4.32	
Q0768	Counsel subordinates concerning personal matters	.76	2	2	3	4	39	66	5.17	
Q0769	Determine or establish logistics requirements, such as personnel, equipment, tools, parts, supplies, or workspace	.59	2	3	3	2	18	55	5.52	
Q0770	Determine or establish work assignments or priorities	1.02	2	2	3	4	30	59	5.16	
Q0771	Develop organizational or functional charts	.49	2	2	2	2	9	29	4.72	
Q0772	Develop resource protection programs	.20	2	2	1	2	4	16	5.08	
Q0773	Develop self-inspection or self-assessment program checklists	.83	2	2	4	3	13	32	5.39	
Q0774	Develop inputs to mobility, contingency, disaster preparedness, or unit emergency or alert plans	.39	2	2	3	3	9	23	5.10	
Q0775	Develop or establish work methods or procedures	.71	2	2	6	5	19	40	5.65	
Q0776	Develop or establish work schedules	.66	2	1	4	3	23	56	4.65	
Q0777	Draft budget requirements	.00	****	1	1	1	5	44	6.72	
Q0778	Draft host-tenant or interservice agreements	.00	****	1	1	0	2	9	6.99	
Q0779	Draft supplements or changes to directives, such as policy directives, instructions, or manuals	.29	2	1	1	0	5	28	6.34	

Q0780	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	.34	2	1	3	3	11	41	6.36
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T Tsk		TNG		1ST	1ST	3-	5-	7-	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	LVL	LVL	LVL	DIF	
Q0781	Establish performance standards for subordinates	.93	2	0	2	2	29	56	5.12	
Q0782	Establish procedures for accountability of equipment, tools, parts, or supplies	.76	2	7	11	11	21	38	4.78	
Q0783	Evaluate inspection report findings or inspection procedures	.68	2	2	3	2	16	48	5.26	
Q0784	Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) Program	1.85	7	7	11	12	27	51	5.17	
Q0785	Evaluate personnel for compliance with performance standards	1.27	2	1	4	4	35	63	4.77	
Q0786	Evaluate personnel for promotion, demotion, reclassification, or special awards	.90	2	1	2	2	28	54	5.11	
Q0787	Evaluate maintenance or utilization of equipment, tools, parts, supplies, or workspace	1.07	2	3	7	7	24	52	5.10	
Q0788	Implement safety or security programs	1.07	2	7	12	13	24	44	4.86	
Q0789	Initiate personnel action requests	.51	2	1	1	1	10	29	4.90	
Q0790	Initiate actions required due to substandard performance of personnel	.51	2	0	1	1	23	47	5.35	
Q0791	Inspect personnel for compliance with military standards	1.07	2	8	10	10	41	65	4.17	
Q0792	Interpret policies, directives, or procedures for subordinates	.51	2	2	4	4	30	58	4.91	
Q0793	Investigate accidents or incidents	.44	2	0	1	1	13	29	5.09	
Q0794	Plan layouts of facilities	.17	2	2	1	1	7	21	5.96	
Q0795	Review budget requirements	.12	2	1	1	0	7	43	6.06	
Q0796	Review host-tenant or interservice agreements	.12	2	1	1	1	3	21	6.50	
Q0797	Review mobility, contingency, disaster preparedness, or unit emergency or alert plans	.66	2	1	5	5	13	25	5.30	
Q0798	Review drafts of supplements or changes to directives, such as policy directives, instructions, or manuals	.51	2	2	3	4	10	39	5.47	
Q0799	Schedule personnel for TDY assignments, leaves, or passes	.24	2	1	2	2	19	58	4.77	
Q0800	Write inspection reports	.32	2	2	2	1	12	39	5.61	
Q0801	Write job or position descriptions	.39	2	3	3	3	14	42	5.64	
Q0802	Write staff studies, surveys, or routine reports, other than training or inspection reports	.17	2	2	2	2	7	24	6.13	
Q0803	Write or indorse civilian performance appraisals	.27	2	1	1	1	1	3	5.76	
Q0804	Write or indorse military performance reports	.51	2	1	1	2	32	62	5.84	
Q0805	Write recommendations for awards or decorations	.78	2	0	1	2	35	67	5.98	
Q0806	Write replies to inspection reports	.98	2	2	1	1	21	51	5.39	



## Report Option Table for Modules

Option	Status
Primary Sort	Inventory Sequence
Secondary Sort	Not Used
Print Suppress	Not Used

## Report Option Table for Tasks

Option	Status
Primary Sort	Inventory Sequence
Secondary Sort	Not Used
Print Suppress	Not Used

## Description of Reported Module Factors

Col	Factor	Source vector	Title	Number Members	----- Mean	Based on All Tasks Within Range S.D.	Max	Min	----- Valid
1	TITLE		Module Statement						

## Description of Reported Task Factors

1	TITLE		Task Statement						
2	F0066	TF0002/RMN	2E1X1 Training Emphasis Ratings	41	1.75	1.29	6.41	.00	806
3	F0068	TF0001/FGN	2E1X1 Automated Training Indicators	0	5.55	5.00	18.00	1.00	797
4	F0018	GP0018/PMP	All DAFSC 2E1X1 AD Amn with 1-24 Mos TAFMS	121	16.44	16.69	84.30	.00	806
5	F0020	GP0020/PMP	All DAFSC 2E1X1 AD Amn with 1-48 Mos TAFMS	377	18.84	17.47	86.74	.53	806
6	F0067	TF0001/SMN	2E1X1 Task Difficulty Ratings	71	5.00	1.00	8.25	-.62	806

POI E3ABP2E1X1, Satellite, Wideband & Telemetry Systems, dated May 2000, is presented below with matched job inventory tasks and occupational survey data.

POI behavioral learning objectives are listed below the dotted line, followed by a listing of matched tasks which are taught in the basic resident training course. Pertinent survey data are displayed to the right of each task. Behavioral learning objectives should be reviewed using the percent performing data, as well as the task difficulty and training emphasis ratings, and Automated Training Indicator (ATI) value for each task (see Course Training Decision Logic Table in AETCI 36-2601, Attachment 1). Behavioral learning objectives which are not supported by the criteria listed in AETCI 36-2601 should be considered for deletion from the course.

Tasks which were not matched to a POI behavioral learning objective are listed in a "Tasks Not Referenced" section at the end of the printout. These unreferenced tasks should be carefully reviewed to identify tasks which may warrant inclusion in formal training programs.

For assistance in interpretation of this printout, contact AFOMS/OMYO, at DSN 487-6811.

D		TNG	ATI	1ST	1ST	TSK
T Tsk		EMP		JOB	ENL	DIF
Y Nbr	Task Title					
0001	POI E3ABP2E131 000, SATELLITE, WIDEBAND AND TELEMETRY SYSTEMS APPRENTICE, 338th TRAINING SQUADRON, DATED 10 MAY 2000					
0002	I. INTRODUCTION TO SATELLITE, WIDEBAND AND TELEMETRY SYSTEMS (SWATS) PRINCIPLES					
0003	I.1. Course Orientation		1			
0004	I.1.a. Introduction					





D								
T Tsk				TNG		1ST	1ST	TSK
Y Nbr	Task Title			EMP	ATI	JOB	ENL	DIF

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0005	I.1.b. Chain of Command							
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0006	I.1.c. Course Overview							
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0007	I.1.d. Community College of the Air Force (CCAF) Benefits and Credits							
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0008	I.1.e. Safety and Operational Risk Management (ORM)							
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0009	I.1.f. Facilities Orientation							
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0010	I.1.g. Student Administration							
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0011	I.1.h. Student Feedback Program							
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0012	I.1.i. Types and Uses of Instructional Material							
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0013	I.1.j. Conservation of Training Materials, Resources and Energy							
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T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0014	I.1.k. Effective Study Techniques						
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0015	I.1.l. Fraud, Waste, and Abuse Prevention and Detection						
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0016	I.1.m. Defining Air Force Core Values						
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0017	I.1.m.(1). Integrity First						
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0018	I.1.m.(2). Service Before Self						
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0019	I.1.m.(3). Excellence In All We Do						
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0020	I.1.n. Sexual Harassment, Professional Relationships, and Hazing						
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0021	I.2. Operational Risk Management (ORM) and Safety	2					
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0022	I.2.a. Discuss Operational Risk Management (ORM) program CTS: 1.6.1., 1.6.2., 1.6.3. MEAS: W	(1)					
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D								
T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	

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0023	I.2.a.(1). Define ORM							
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0024	I.2.a.(2). Goal of ORM							
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0025	I.2.a.(3). Discuss four principles of ORM							
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0026	I.2.a.(4). List the six steps of the ORM process							
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0027	I.2.b. Discuss safety requirements for the AFSC	(1)						
	CTS: 1.6.1., 1.6.2., 1.6.3. MEAS: W							

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0028	I.2.b.(1). Hazards associated with the AFSC							
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0029	I.2.b.(2). Basic facts and terms about AFOSH							
	standards for the AFSC							

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0030	I.2.b.(3). Practice of safety precautions during							
	maintenance actions							

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0031	I.3. Security							
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D								
T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	
0032	I.3.a. Define security as it relates to the 2E1X1 career field. CTS: 1.5. MEAS: W	(1)						
0033	I.3.a.(1). Security classifications							
0034	I.3.a.(2). General security concerns							
0035	I.3.b. Define principles of COMSEC CTS: 1.5. MEAS: W	(1)						
0036	I.3.b.(1). Cryptographic security concerns							
0037	I.3.b.(2). Physical Security							
0038	I.3.b.(3). Emission Security							
0039	I.3.b.(4). Transmission Security							
0040	I.4. Standard Maintenance Practices	8						

D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF
0041	I.4.a. Locate information about standard maintenance practices (AFI 21-116) CTS: 1.1.3. MEAS: W	(4)					
0042	I.4.b. Describe basic troubleshooting procedure CTS: 1.1.1. MEAS: W	(1)					
0043	I.4.c. Discuss remote and local loopback procedures as a method of fault isolation CTS: 1.1.2. MEAS: W	(1)					
0044	I.4.d. Describe how to locate system components using an alphanumeric designation CTS: 1.1.4. MEAS: W	(2)					
0045	I.5. Air Force Technical Order System	8					
0046	I.5.a. Describe the Air Force Technical Order (TO) System CTS: 1.1.5. MEAS: W	(4)					
0047	I.5.a.(1). Discuss types of T.O.'s						
M0657	Maintain TO libraries		2.27	15	26	36	4.20

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T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF
0048	I.5.a.(2). Describe the T.O. numbering system						
M0657	Maintain TO libraries		2.27	15	26	36	4.20
0049	I.5.a.(3). Discuss the T.O. improvement system						
M0650	Initiate technical order (TO) improvement reports, such as AFTO Forms 22 (Technical Order Improvement Report and Reply)		2.24	15	15	30	4.41
M0657	Maintain TO libraries		2.27	15	26	36	4.20
0050	I.5.b. Discuss other technical publications CTS: 1.1.5. MEAS: W	(1)					
M0657	Maintain TO libraries		2.27	15	26	36	4.20
0051	I.5.b.(1). Army technical manuals (T.M.'s)						
M0657	Maintain TO libraries		2.27	15	26	36	4.20
0052	I.5.b.(2). Defense Information System Agency (DISA) publications						
0053	I.5.b.(3). Commercial manuals and handbooks						
0054	I.5.c. Demonstrate the use of technical publications CTS: 1.1.5. MEAS: W	(1)					

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T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	
0055	I.5.c.(1). Location of required maintenance information							
0056	I.5.c.(2). Locate parts information							
0057	I.5.d. Given a T.O. and a scenario, locate the information required by the scenario CTS: 1.1.5., 1.2.6. MEAS: PC	(2)						
0058	I.6. Career Field Orientation	37						
0059	I.6.a. Define concepts of SWATS CTS: 1.4, 1.8., 8.1., 9.1. MEAS: W	(13)						
0060	I.6.a.(1). Define System							
0061	I.6.a.(2). Missions							
0062	I.6.a.(3). Terminal							

D								
T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	
0063	I.6.a.(4). Repeater							
0064	I.6.a.(5). Line of Sight (LOS) Communications							
0065	I.6.a.(6). Troposcatter (TROPO) Communications							
0066	I.6.a.(7). Satellite Communications							
0067	I.6.a.(8). Space Systems							
0068	I.6.a.(9). Telemetry Systems							
0069	I.6.a.(10). System components							
0070	I.6.a.(11). Principles of RF Propagation							
0071	I.6.a.(12). Antennas							



D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0072	I.6.b. Purpose and principles of the Satellite communications mission	(8)					
	CTS: 1.4., 1.8., 4.1., 4.1.1., 4.1.2., 4.1.3., 6.1., 10.1., 12.1. MEAS: W						

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0073	I.6.b.(1). Satellite characteristics						
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0074	I.6.b.(2). Satellite access techniques						
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0075	I.6.b.(3). Defense Satellite Communications System (DSCS)						
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0076	I.6.b.(4). Ground Mobile Forces (GMF) terminal						
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0077	I.6.c. Purpose and principles of the space mission	(8)					
	CTS: 1.4., 1.8., 1.10.1., 1.10.2., 1.10.3., 1.10.4., 1.10.5., 1.10.6., 1.10.7., 1.10.8. MEAS: W						

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0078	I.6.c.(1). Defense Support Program (DSP)						
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0079	I.6.c.(2). Meteorology Data Station (MDS)						
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T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0080	I.6.c.(3). Global Positioning System (GPS)						
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0081	I.6.d. Purposes and principles of the test range mission CTS: 1.4, 1.8., 1.9.1.1., 1.9.1.2., 1.9.2.1., 1.9.2.2., 1.9.3.1., 1.9.3.2. 1.9.3.3. MEAS: W						
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0082	I.6.d.(1). Research and Develop (R&D)						
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0083	I.6.d.(2). Operational Test and Evaluation (OT&E)						
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0084	I.6.d.(3). Test range organization						
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0085	I.6.d.(4). Instrumentation and telemetry systems						
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0086	I.7. Measurement and Critique	2.0					
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0087	I.7.a. Measurement	(1.5)					
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0088	I.7.b. Critique	(.5)					
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T Tsk  
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EMP ATI JOB ENL DIF

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0089 II. STANDARD INSTALLATION PRACTICES AND TEST  
EQUIPMENT

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0090 II.1. Standard Installation Practices 18

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0091 II.1.a. State facts relating to standard (4)  
installation practices CTS: 15.1. MEAS: W

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0092 II.1.b. Describe the importance of cable and (.5)  
installation documentation CTS: 15.2. MEAS: W

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0093 II.1.c. Describe wire color coding standards (.5)  
CTS: 15.3. MEAS: W

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0094 II.1.d. Describe fiber optic installation (2)  
concepts CTS: 15.4. MEAS: W

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0095 II.1.e. Describe the concepts of grounding (1)  
CTS: 15.5.1. MEAS: W

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0096 II.1.f. Describe the concepts of bonding (1)  
CTS: 15.5.2. MEAS: W

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T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF
0097	II.1.g. Describe the concepts of shielding	(1)					
	CTS: 15.5.3. MEAS: W						
0098	II.1.h. Describe a tactical grounding system and	(8)					
	use of a Vibraground Test Set utilizing appropriate						
	technical data CTS: 2.2., 2.3., 15.5.1. MEAS: W						
0099	II.2. Decibels and Power Conversions	5.5					
0100	II.2.a. Define the term "decibel" when used as a	(4)					
	unit of power measurement CTS: 1.3 MEAS: W						
0101	II.2.b. Given five problems involving power	(1.5)					
	conversions, calculate the correct power						
	measurement in four of the five problems						
	(80%) accuracy CTS: 1.3. MEAS: PC						
0102	II.3. Test Equipment	27					
0103	II.3. Identify the principles of basic measuring	(1)					
	techniques CTS: 2.1., 2.2. MEAS: W						

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T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0104	II.3.b. Identify the principles, capabilities and limitations of the test equipment used in the Satellite, Wideband and Telemetry career field	(8)					
	STS: 2.1., 2.2., 2.3. MEAS: W						

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0105	II.3.b.(1). Multimeter						
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0106	II.3.b.(2). Power Meter						
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0107	II.3.b.(3). Audio Signal Generator						
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0108	II.3.b.(4). Sweep Generator						
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0109	II.3.b.(5). Oscilloscope						
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0110	II.3.b.(6). Frequency Counter						
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0111	II.3.b.(7). Attenuator						
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0112	II.3.b.(8). Noise Test Set						
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T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0113	II.3.b.(9).	Bit Error Rate Test Set					
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0114	II.3.b.(10).	Loop Test Set					
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0115	II.3.b.(11).	Digital Data Test Set					
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0116	II.3.b.(12).	Built-In Test Equipment (BITE)					
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0117	II.3.b.(13).	Spectrum Analyzer					
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0118	II.3.c.	Given the virtual classroom interactive courseware (ICW), complete applicable lessons for test equipment listed in 3b above not otherwise note below CTS: 2.1., 2.2., 2.3. MEAS: PC	(4)				
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0119	II.3.d.	Given the virtual classroom interactive courseware (ICW), and an oscilloscope, and a signal source, measure the frequency of the signal within 2% CTS: 2.1, 2.2., 2.3. MEAS: PC	(3)				
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T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF
0120	II.3.e. Given the virtual classroom interactive courseware (ICW), and an oscilloscope, and a signal source, measure the peak amplitude of the signal within 2% CTS: 2.1,.2.2., 2.3. MEAS: PC	(3)					
0121	II.3.f. Given the virtual classroom interactive courseware (ICW), and a Spectrum Analyzer, operate the Spectrum Analyzer IAW software instructions CTS: 2.1, 2.2., 2.3. MEAS: PC	(8)					
0122	II.4. Transmission Line Measurements	4					
0123	II.4.a. Discuss the different types of measurements that can be made on transmission lines CTS: 16.1. MEAS: W	(1)					
J0560	Perform transmission line loss measurements		1.93	7	7	11	4.97
0124	II.4.a.(1). Line Attenuation						
0125	II.4.a.(2). Waveguide Insertion Loss						
0126	II.4.a.(3). Frequency Response						

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T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF
0127	II.4.b. Given a transmission line (coaxial cable) with an attenuator if undetermined value, a signal generator and a power meter, determine the amount of attenuation in the transmission line system within 5% CTS: 16.1. MEAS: PC	(1.5)					
J0560	Perform transmission line loss measurements		1.93	7	7	11	4.97
0128	II.4.c. Given a signal generator, power meter and a section of waveguide terminated with waveguide-to-coaxial adapters, determine the Waveguide Insertion Loss within 5% CTS: 16.1. MEAS: PC	(1.5)					
0129	II.5. Measurement and Critique	1.5					
0130	II.5.a. Measurement	(1)					
0131	II.5.b. Critique	(.5)					
0132	III. MULTIPLEXING AND NETWORKING TECHNIQUES						
0133	III. Timing and Synchronization	8					



D	T Tsk	TNG	1ST	1ST	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
0134	III.1.a. Identify Principles, capabilities and limitations of timing and synchronization CTS: 7.1. MEAS: W					
0135	III.2. Digital Multiplexer Equipment	38				
0136	III.2.a. Identify Principles, capabilities and limitations of time division multiplexer (TDM) equipment CTS: 3.1 MEAS: W	(20)				
0137	III.2.b. Perform an operational check of an time division multiplexer (TDM) CTS: 3.2. MEAS: PC	(4)				
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	18	55	57	4.90
0138	III.2.c. Configure a TDM for proper operation CTS: 3.3. MEAS: PC	(8)				
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	4.79
0139	III.2.d. Configure a TD-1234 Remote Multiplexer Combiner (RMC) CTS: 11.3. MEAS: PC	(4)				
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	4.79
0140	III.2.e. Troubleshoot and repair a TDM CTS: 3.4. MEAS: PC	(2)				
H0353	Troubleshoot or repair multiplexers or demultiplexers	3.88	18	50	51	6.22

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T Tsk  
Y Nbr Task Title TNG EMP ATI 1ST JOB 1ST ENL TSK DIF

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0141 III.3. Network Transport Infrastructure 16.5

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0142 III.3.a. Identify Principles, capabilities and (8)  
limitations of selected network configurations  
CTS: 14.1.1., 14.1.2. MEAS: W

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0143 III.3.a.(1). Network Topologies  
(star, ring, bus, etc.)

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0144 III.3.a.(2). Network types (LAN, WAN, VPN, etc.)

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0145 III.3.b. Identify Principles, capabilities and (8.5)  
limitations of information transport devices  
CTS: 14.2.1., 14.2.2., 14.2.3., 14.2.4., 14.2.5.1.,  
14.2.5.2., 14.2.5.3., 14.2.5.4. MEAS: W

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0146 III.3.b.(1). Guided Media

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0147 III.3.b.(2). Radiated Media

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0148 III.3.b.(3). IP Addresses

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T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	
0149	III.3.b.(4). Routers							
0150	III.3.b.(5). Hubs (concentrators)							
0151	III.3.b.(6), Bridges							
0152	III.3.b.(7). Gateways							
0153	III.3.b.(8). Switches							
0154	III.3.b.(8).(a). Circuit switching							
0155	III.3.b.(8).(b). Message switching							
0156	III.3.b.(8).(c). Packet switching							
0157	III.3.b.(8).(d). Frame Relay							

D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF
0158	III.3.b.(8).(e). Cell switching						
0159	III.3.b.(8).(f). Asynchronous Transfer Mode (ATM)						
0160	III.4. Measurement and Critique	1.5					
0161	III.4.a. Measurement	(1)					
0162	III.4.b. Critique	(.5)					
0163	IV. NETWORK BANDWIDTH MANAGEMENT EQUIPMENT						
0164	IV.1. Integrated Digital Network Exchange (IDNX) System	38.5					
0165	IV.1.a. Identify Principles, capabilities and limitations of IDNX equipment CTS: 13.1. MEAS: W	(22.5)					
0166	IV.1.b. Configure IDNX equipment CTS: 13.2. MEAS: PC	(8)					
H0287	Adjust hubbing or multiparty equipment	.83	2		5	5	5.50
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	18		55	57	4.90

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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
0167	IV.1.c. Perform operational check of IDNX equipment CTS: 13.2 MEAS: PC					
H0287	Adjust hubbing or multiparty equipment	.83	2	5	5	5.50
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	18	55	57	4.90
0168	IV.2. Measurement and Critique		1.5			
0169	IV.2.a. Measurement		(1)			
0170	IV.2.b. Critique		(.5)			
0171	V. LINE-OF-SIGHT (LOS) SYSTEMS					
0172	V.1. Modulation Principles		8			
0173	V.1.a. Identify Principles, capabilities and limitations of modulation CTS: 4.1. MEAS: W		(3.5)			
0174	V.1.a.(1). Amplitude Modulation (AM)					

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T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0175	V.1.a.(2).	Frequency Modulation (FM)					
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0176	V.1.a.(3).	Phase Modulation (PM)					
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0177	V.1.b.	Identify basic radio principles					(4.5)
	CTS: 8.1.	MEAS: W					

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0178	V.1.b.(1).	Transmit Path					
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0179	V.1.b.(2).	Receive path					
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0180	V.1.b.(3).	Ancillary devices					
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0181	V.1.b.(4).	Performance assessment					
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0182	V.1.b.(5).	Fundamental parameters					
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0183	V.2.	Line-of-Sight (LOS) Radio Systems Theory					13
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D	T Tsk	TNG	ATI	1ST	1ST	TSK
Y Nbr	Task Title	EMP		JOB	ENL	DIF
0184	V.2.a. Identify Principles, capabilities and limitations of LOS systems CTS: 8.1. MEAS: W	(5)				
0185	V.2.b. Identify Tropo Satellite Support Radio (TSSR) operational Principles CTS: 11.2. MEAS: W	(8)				
0186	V.3. LOS Radio Operations Lab	17.5				
0187	V.3.a Perform operational checks on a digital LOS radio CTS: 8.2. MEAS: W/PC	(8)				
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	6.25
E0178	Perform PMIs on transmitters	4.66	12	45	47	4.96
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	6.17
0188	V.3.b. Troubleshoot and repair a digital LOS radio CTS: 8.3. MEAS: W/PC	(9.5)				
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	6.21
D0162	Troubleshoot or repair detectors or discriminators	1.90	7	12	13	6.26
D0163	Troubleshoot or repair digital receivers	3.15	11	22	24	6.43
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	6.25
E0197	Troubleshoot or repair power amplifier monitoring systems	2.95	7	26	24	6.05
E0198	Troubleshoot or repair power monitors	2.49	7	21	20	6.14
E0199	Troubleshoot or repair transmit-gain circuits	2.83	7	21	20	6.17
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	6.17

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T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	
0189	V.4. Measurement and Critique		1.5					
0190	V.4.a. Measurement		(1)					
0191	V.4.b. Critique		(.5)					
0192	VI. DEPLOYABLE TROPOSPHERIC SCATTER SYSTEMS							
0193	VI.1. System Applications and Capabilities		13.5					
0194	VI.1.a. Identify elements and terms of the Tri-service Tactical (TRI-TAC) system CTS: 9.1 MEAS: W		(3)					
0195	VI.1.b. Identify characteristics and leading particulars of the AN/TRC-170 tropospheric scatter radio set CTS: 9.1. MEAS: W		(3)					
0196	VI.1.c. Identify the principles of the AN/TRC-170 CTS: 9.1, 9.10., 9.11. MEAS: W		(3)					



D	T Tsk	TNG	1ST	1ST	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
0197	VI.1.d. Identify basic facts pertaining to Communications Security (COMSEC) doctrine, TEMPEST considerations, and security requirements CTS: 11.1. MEAS: W	(4.5)				
0198	VI.2. Digital Group Multiplexing Equipment	20				
0199	VI.2.a. Identify the principles of operation of the Loop Group Multiplexer (LGM) CTS: 9.2. MEAS: W	(5.5)				
0200	VI.2.b. Identify the principles of operation of the Group Modem (GM) CTS: 9.2. MEAS: W	(3)				
0201	VI.2.c. Identify the principles of operation of the Trunk Group Multiplexer (TGM) CTS: 9.2. MEAS: W	(5.5)				
0202	VI.2.d. Configure the AN/TRC-170 patch panels for operation in accordance with applicable technical data CTS: 9.9. MEAS: W/PC	(6)				
J0524	Configure patch panels	5.80	18	57	58	4.99
0203	VI.3. System Orderwire Functional Analysis/ Operating Procedures	9				
J0529	Establish orderwire contacts	5.27	12	45	44	5.33

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T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF
0204	VI.3.a. Identify the principles of operation of the Analog Voice Orderwire (AVOW) CTS: 9.8., 9.16. MEAS: W	(2.5)					
J0529	Establish orderwire contacts		5.27	12	45	44	5.33
0205	VI.3.b. Identify the principles of operation of the Digital Voice Orderwire (DVOW) CTS: 9.8., 9.16. MEAS: W	(2.5)					
J0529	Establish orderwire contacts		5.27	12	45	44	5.33
0206	VI.3.c. Identify the principles of operation of the Data Orderwire (DOW) CTS: 9.8., 9.16. MEAS: W	(2.5)					
0207	VI.3.d. Configure applicable Orderwire CTS: 9.8., 9.16. MEAS: PC	(1.5)					
J0528	Establish communications links		5.41	18	50	52	6.05
J0529	Establish orderwire contacts		5.27	12	45	44	5.33
0208	VI.4. Measurement and Critique	1.5					
0209	VI.4.a. Measurement	(1.25)					
0210	VI.4.b. Critique	(.25)					

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T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	
0211	VI.5. AN/TRC-170 Transmit Signal Flow	12.5						
0212	VI.5.a. Identify the principles of operation of the Tropo Modem Modular CTS: 9.1., 9.4., 4.2. MEAS: W	(4)						
0213	VI.5.b. Identify the principles of operation of the Dual Frequency RF Synthesizer CTS: 9.1. MEAS: W	(3)						
0214	VI.5.c. Identify the principles of operation of the Transmit Upconverter CTS: 9.1., 9.6. MEAS: W	(2.5)						
0215	VI.5.d. Identify the principles of operation of the High Power Amplifier (HPA) CTS: 9.1., 9.6. MEAS: W	(3)						
0216	VI.6. AN/TRC-170 Receive Signal Flow	12						
0217	VI.6.a. Identify the principles of operation of the Receive Downconverter CTS: 9.1., 9.7. MEAS: W	(3)						
0218	VI.6.b. Identify the principles of operation of the Intermediate Frequency (IF) Test Panel CTS: 9.1., 9.7. MEAS: W	(4)						

D	T Tsk	TNG	1ST	1ST	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
0219	VI.6.c. Identify the principles of operation of the Tropo Modem Demodulator CTS: 9.1., 9.4., 9.7. 4.2. MEAS: W	(5)				
0220	VI.7. Transportable Digital Wideband System Laboratory	70				
0221	VI.7.a. Perform the turn-on procedures for the AN/TRC-170 in accordance with applicable technical data CTS: 9.1, 9.12., 9.14., 11.1. MEAS: PC	(8)				
H0306	Operationally check cryptographic equipment	3.78	12	26	33	4.47
J0538	Perform bit error rate tests	4.76	18	49	51	4.90
J0546	Perform noise figure tests	2.59	15	31	34	5.77
J0547	Perform noise-to-power ratio (NPR) tests	1.59	2	7	10	5.79
J0551	Perform receive signal level (RSL) checks	4.10	12	45	47	4.27
J0552	Perform RF level checks	3.59	12	39	39	4.38
0222	VI.7.b. Perform an operational check of an AN/TRC-170 time division multiplexer in accordance with applicable technical data CTS: 9.1., 9.2. MEAS: PC	(8)				
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	18	55	57	4.90
0223	VI.7.c. Perform an operational check on TRI-TAC cryptographic equipment in accordance with applicable technical data CTS: 11.1 MEAS: PC	(8)				
H0306	Operationally check cryptographic equipment	3.78	12	26	33	4.47

D	T Tsk	TNG	ATI	1ST	1ST	TSK
Y Nbr	Task Title	EMP		JOB	ENL	DIF
0224	VI.7.d. Perform an operational check on an AN/TRC-170 Tropo radio set in accordance with applicable technical data CTS: 4.2., 9.4., 9.6., 9.12., 9.14., 9.15. MEAS: PC	(16)				
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	6.25
E0178	Perform PMIs on transmitters	4.66	12	45	47	4.96
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	6.17
H0314	Perform PMIs on modems	4.76	18	51	54	4.67
J0538	Perform bit error rate tests	4.76	18	49	51	4.90
J0546	Perform noise figure tests	2.59	15	31	34	5.77
J0547	Perform noise-to-power ratio (NPR) tests	1.59	2	7	10	5.79
J0551	Perform receive signal level (RSL) checks	4.10	12	45	47	4.27
J0552	Perform RF level checks	3.59	12	39	39	4.38
J0567	Verify operational readiness with ground network or distant terminals	2.85	7	12	18	4.44
0225	VI.7.e. Configure an AN/TRC-170 tactical wideband equipment system to establish a communications link in accordance with applicable technical data CTS: 9.3., 9.5., 9.7., 9.9., 9.15., 9.16. MEAS: PC	(30)				
J0519	Configure down-converters or up-converters	5.61	18	55	53	4.39
J0522	Configure modems	6.00	18	57	58	4.60
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	4.79
J0524	Configure patch panels	5.80	18	57	58	4.99
J0528	Establish communications links	5.41	18	50	52	6.05
J0529	Establish orderwire contacts	5.27	12	45	44	5.33
0226	VI.8. Transportable Digital Wideband System Troubleshooting Lab	16				



D	T Tsk	TNG	ATI	1ST	1ST	TSK
Y Nbr	Task Title	EMP		JOB	ENL	DIF
0227	VI.8.a. Troubleshoot an AN/TRC-170 tropospheric scatter radio set in accordance with applicable technical data CTS: 4.3., 7.2, 9.13. MEAS: PC					
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	6.21
D0162	Troubleshoot or repair detectors or discriminators	1.90	7	12	13	6.26
D0163	Troubleshoot or repair digital receivers	3.15	11	22	24	6.43
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	6.25
E0197	Troubleshoot or repair power amplifier monitoring systems	2.95	7	26	24	6.05
E0198	Troubleshoot or repair power monitors	2.49	7	21	20	6.14
E0199	Troubleshoot or repair transmit-gain circuits	2.83	7	21	20	6.17
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	6.17
H0351	Troubleshoot or repair modems	4.51	18	55	56	6.28
I0488	Troubleshoot or repair frequency standards	2.59	7	13	18	6.26
0228	VI.9. Measurement and Critique	1.5				
0229	VI.9.a. Measurement	(1.25)				
0230	VI.9.b. Critique	(.25)				
0231	VII. GMF BASEBAND OPERATIONS & MAINTENANCE - PHASE 6 OF SATELLITE COMMUNICATIONS SYSTEMS (101-F35[OS])(ANNEX M)					
0232	VII.1. Network Control and Configuration	2				

D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0233	VII.1.a. Describe the command and control structure of a satellite communications system	(1)					
	CTS: 10.1., 10.3., 10.5. MEAS: W						

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0234	VII.1.b. Identify the requirements for planning a Ground Mobile Forces (GMF) mission	(1)					
	CTS: 10.1., 10.3., 10.5. MEAS: W						

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0235	VII. Rack Elevations	2					
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0236	VII.2.a. Describe the operational characteristics of a GMF Terminal	(1)					
	CTS: 9.3., 9.5., 9.9. MEAS: W						

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0237	VII.2.b. Demonstrate the location of the equipment units in a GMF Terminal	(1)					
	CTS: 9.3., 9.5., 9.9. MEAS: W						

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0238	VII.3. Ground Mobile Forces (GMF) Block Diagram	3					
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0239	VII.3.a. Trace the main signal flow path through a GMF Terminal at the block diagram level						
	CTS: 9.13. MEAS: W						



D								
T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	
0240	VII.4. CV-1548 and MX-9635 Operations	1						
0241	VII.4.a. Describe the operational characteristics of the MX-9635A/TSC Echo Suppressor CTS: 9.2. MEAS: W	(.5)						
0242	VII.4.b. Describe the operational characteristics of the CV-1548 Ring Converter CTS: 9.2. MEAS: W	(.5)						
0243	VII.5. TD-1389(V) Operations	4						
0244	VII.5.a. Describe the operational characteristics of the TD-1389(V) Low Rate Multiplexer (LRM) CTS: 9.2. MEAS: W	(2)						
0245	VII.5.b. Configure a stand alone TD 1389(V) LRM in accordance with cut sheets and DISA regulations CTS: 9.3. MEAS: PC	(1)						
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	4.79		
0246	VII.5.c. Operate the TD-1389(V) LRM in a GMF Terminal CTS: 9.2., 9.3. MEAS: PC	(1)						

D  
T Tsk  
Y Nbr Task Title TNG EMP ATI 1ST JOB 1ST ENL TSK DIF

0247 VII.6. TD-1389(V) Maintenance

3

0248 VII.6.a. Describe the use of built-in-test-  
equipment (BITE) required to maintain the  
TD-1389(V) mux/demux CTS: 9.13. MEAS: W

(2)

0249 VII.6.b. Troubleshoot and repair the stand-alone  
TD-1389(V) CTS: 9.13. MEAS: PC

(.5)

0250 VII.6.c. Troubleshoot and repair the TD-1389(V)  
in a systems configuration CTS: 9.13. MEAS: PC

(.5)

0251 VII.7. KG-194A Operations

1

0252 VII.7.a. Describe the operational characteristics  
of the TSEC/KG-194A Communications Security  
Equipment CTS: 11.1. MEAS: W

0253 VII.8. TD-1337(V) Operations

6

0254 VII.8.a. Describe the operational characteristics  
of the TD-1337(V) mux/demux CTS: 9.2. MEAS: W

(3)

D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0255	VII.8.a.(1). Function						
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0256	VII.8.a.(2). Use						
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0257	VII.8.a.(3). Operation						
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0258	VII.8.a.(4). Basic Signal Flow Path						
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0259	VII.8.b. Configure a stand-alone TS-1337(V)	(1.5)					
	mux/demux in accordance with procedures specified						
	in the technical manuals and DISA Circulars						
	CTS: 9.3. MEAS: PC						

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0260	VII.8.c. Set-up the TD-1337(V) mux/demux for proper	(1.5)					
	operation in a GMF Terminal van in accordance with						
	procedures specified in the technical manuals and						
	DISA Circulars CTS: 9.2., 9.3. MEAS: PC						

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0261	VII.9. TD-1337(V) Maintenance	3					
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0262	VII.9.a. Describe the use of the built-in-test-	(1)					
	equipment (BITE) required to maintain the						
	TD-1337(V) mux/demux CTS: 9.13. MEAS: W						

D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0263	VII.9.b. Troubleshoot and repair the stand-alone	(1)					
	TD-1337(V) CTS: 9.13. MEAS: PC						

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0264	VII.9.c. Troubleshoot and repair the TD-1337(V)	(1)					
	in a systems configuration CTS: 9.13. MEAS: PC						

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0265	VII.10. GMF Baseband Operations and Maintenance	23					
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0266	VII.10.a. Define the criteria in insuring proper	(1)					
	operation of the GMF Baseband equipment						
	CTS: 9.2., 9.3. MEAS: W						

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0267	VII.10.b. Configure and program the stand-alone	(1)					
	TS-1389(V) multiplexer CTS: 9.3. MEAS: PC						

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0268	VII.10.c. Troubleshoot and repair the stand-alone	(2)					
	TS-1389(V) to its Line Replaceable Unit (LRU)						
	CTS: 9.13. MEAS: PC						

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0269	VII.10.d. Configure and program the stand-alone	(1)					
	TS-1337(V) multiplexer CTS: 9.3. MEAS: PC						

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D								
T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	
0270	VII.10.e. Troubleshoot and repair the stand-alone TS-1337(V) to its LRU CTS: 9.13. MEAS: PC	(2)						
0271	VII.10.f. Operate the baseband equipment in a loopback configuration in the split AN/TSC-85(V)1 equipment van CTS: 4.2., 9.2., 9.3. MEAS: PC	(3)						
0272	VII.10.g. Troubleshoot and repair the baseband equipment in a loopback configuration in the split AN/TSC-85(V)1 equipment van CTS: 4.1., 4.3., 9.13. MEAS: PC	(5)						
0273	VII.10.h. Operate the baseband equipment in a loopback configuration in the split AN/TSC-93(V)1 equipment van CTS: 4.2., 9.2., 9.3. MEAS: PC	(3)						
0274	VII.10.i. Troubleshoot and repair the baseband equipment in a loopback configuration in the split AN/TSC-93(V)1 equipment van CTS: 4.1., 4.3, 9.13. MEAS: PC	(5)						
0275	VII.11. GMF Baseband Operations and Maintenance Examination	8						

D  
T Tsk  
Y Nbr Task Title TNG EMP ATI 1ST JOB 1ST ENL TSK DIF

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0276 VII.11.a. Practical Examination - Designed to (5)  
measure the students' skills and knowledge of the  
procedures required to operate, configure and  
troubleshoot to the failed component, the baseband  
equipment in either an AN/TSC-85(V)1 or  
AN/TSC-93(V)1 TACSAT equipment van

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0277 VII.11.b. Written Examination - Designed to measure (3)  
the students' knowledge of the procedures,  
regulations and requirements to operate and  
configure the AN/TSC-85(V)1 and AN/TSC-93(V)1  
terminals for operations

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0278 VII.II. GMF TERMINAL OPERATIONS & MAINTENANCE-  
PHASE 6 OF SATELLITE COMMUNICATIONS SYSTEMS  
(101-F35[OS])(ANNEX N)

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0279 VII.II.1. MD-945/TSC Operations 2

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0280 VII.II.1.a. Describe the operational  
characteristics of the MD-945/TSC Modem  
CTS: 9.4, 9.5. MEAS: W

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0281 VII.II.1.a.(1). Function

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0282 VII.II.1.a.(2). Use

D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0283	VII.II.1.a.(3).	Operation					
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0284	VII.II.1.a.(4).	Basic Signal Flow Analysis					
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0285	VII.II.2.	MD-945/TSC Maintenance	11				
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0286	VII.II.2.a.	Describe the use of built-in-test-	(3)				
		equipment (BITE) required to maintain the					
		MD-945/TSC Modem CTS: 9.13. MEAS: W					

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0287	VII.II.2.a.(1).	Circuit Analysis					
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0288	VII.II.2.a.(2).	Failure Symptoms					
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0289	VII.II.2.a.(3).	Alignment					
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0290	VII.II.2.b.	Troubleshoot and repair the	(8)				
		MD-945/TSC Modem in a GMF Terminal configuration					
		CTS: 9.13. MEAS: PC					

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D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0291	VII.II.3. Upconverter and Downconverter Operations	2					
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0292	VII.II.3.a. Describe the operational characteristics of the Frequency Conversion Group						
	CTS: 5.1, 5.2., 5.5. MEAS: W						

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0293	VII.II.3.a.(1). CV-3084 Upconverter						
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0294	VII.II.3.a.(2). CD-3085 Downconverter						
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0295	VII.II.3.a.(3). Frequency Standard						
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0296	VII.II.4. Upconverter and Downconverter Maintenance	6					
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0297	VII.II.4.a. Describe the principles used to troubleshoot and repair units in the Frequency Conversion Group	(2)					
	CTS: 5.4, 5.7. MEAS: W						

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0298	VII.II.4.b. Patch and configure the CV-3084 Upconverter	(.5)					
	CTS: 5.3. MEAS: PC						

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D								
T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	
0299	VII.II.4.c. Align the CV-3084 Upconverter	(.5)						
	CTS: 5.2. MEAS: PC							
0300	VII.II.4.d. Troubleshoot and repair the CV-3084	(1)						
	Upconverter in accordance with applicable technical							
	data CTS: 5.4. MEAS PC							
0301	VII.II.4.e. Patch and configure the CV-3085	(.5)						
	Downconverter CTS: 5.6. MEAS: PC							
0302	VII.II.4.f. Align the CV-3084 Downconverter	(.5)						
	CTS: 5.5. MEAS: PC							
0303	VII.II.4.g. Troubleshoot and repair the CV-3085	(1)						
	Downconverter in accordance with applicable							
	technical data CTS: 5.7. MEAS: PC							
0304	VII.II.5. HVPS and HPA Operations	2						
0305	VII.II.5.a. Describe the operational							
	characteristics of the High Voltage Power Supply							
	(HVPS) and High Voltage Amplifier CTS: 9.8., 9.9.							
	MEAS: W							

D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0306	VII.II.5.a.(1).	Safety Requirements					
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0307	VII.II.5.a.(2).	Function					
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0308	VII.II.5.a.(3).	Front Panel Controls					
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0309	VII.II.5.a.(4).	Fault Indicators					
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0310	VII.II.5.a.(5).	Meters					
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0311	VII.II.6.	HVPS and HPA Maintenance					
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0312	VII.II.6.a.	Describe the techniques used to	(2)				
		troubleshoot and repair the HVPS and HPA					
	CTS: 9.13.	MEAS: W					

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0313	VII.II.6.b.	Troubleshoot and repair the HVPS and	(3)				
		HPA in accordance with applicable directives					
	CTS: 9.13.	MEAS: PC					

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D								
T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	
0314	VII.II.7. Orderwire Block Diagram		1					
0315	VII.II.7.a. Analyze the block diagram for the GMF Orderwire circuits CTS: 9.13. MEAS: W							
0316	VII.II.8. DCSCU, LNA Control Translator and AME Equipment		3					
0317	VII.II.8.a. Describe the operational characteristics of the Dual Capacity Servo Control Unit (DSCU) CTS: 6.5., 6.6. MEAS: W	(1)						
0318	VII.II.8.b. Describe the operational characteristics of the Low Noise Amplifier (LNA) CTS: 5.8., 5.9. MEAS: W	(1)						
0319	VII.II.8.c. Describe the operational characteristics of the Antenna Mounted Electronics (AME) CTS: 9.10., 9.11. MEAS: W	(1)						
0320	VII.II.9. GMF Terminal Operations and Maintenance		16					

D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0321 VII.II.9.a. Troubleshoot and repair the GMF  
Terminal in accordance with applicable technical  
data CTS: 5.9., 9.11., 9.13. MEAS: PC

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0322 VII.II.10. GMF Terminal Operations and Maintenance 8  
Examination

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0323 VII.II.10.a. Practical Examination - Designed to (5)  
measure the students' ability to perform the skills  
and knowledge to operate, align, troubleshoot, and  
maintain the modems, frequency converters, RF  
amplifiers, antenna, and satellite tracking  
equipment in either the AN/TSC-85 or AN/TSC-93 GMF  
TACSAT terminal

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0324 VII.II.10.b. Written Examination - Designed to (3)  
measure the students' knowledge of the procedures  
and requirements needed to operate, align,  
troubleshoot, and maintain the TACSAT modems,  
frequency converters, RF amplifiers, antenna,  
and satellite tracking equipment in the  
AN/TSC-85 or AN/TSC-93 GMF TACSAT terminal

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0325 VIII. DEPLOYABLE SHF SATELLITE COMMUNICATIONS  
SYSTEMS AND SATELLITE TRACKING

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0326 VIII.1. Deployable SHF Satellite Communications 32  
Systems Applications and Capabilities

D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0327	VIII.1.a. Identify Principles, capabilities and limitations of power distribution CTS: 10.11. MEAS: W	(4)					
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0328	VIII.1.b. Identify principles, capabilities and limitations of Deployable SHF Satellite Communications Systems Equipment CTS: 10.1., 5.1., 5.9., 6.1. MEAS: W	(20)					
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0329	VIII.1.b.(1). Characteristics and leading particulars of a deployable SHF satellite system						
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0330	VIII.1.b.(2). Communications subsystem						
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0331	VIII.1.b.(3). Frequency generation and conversion equipment						
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0332	VIII.1.b.(4). Principles of operation of the radio subsystem						
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0333	VIII.1.b.(5). Low noise amplifier (LNA)						
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0334	VIII.1.b.(6). Satellite tracking system						
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D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0335	VIII.1.b.(7). Principles of operation of the antenna system						
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0336	VIII.1.c. Identify Principles, capabilities and limitations of Control Orderwires CTS: 10.10.	(3)					
	MEAS: W						

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0337	VIII.1.d. Identify Principles, capabilities and limitations of system monitoring CTS: 10.12.	(5)					
	MEAS: W						

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0338	VIII.2. Satellite Access Requests	4					
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0339	VIII.2.a. Identify general principles of Satellite Access Request (SAR) procedures and processes CTS: 17. MEAS: W						
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0340	VIII.3. Measurement and Critique	2					
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0341	VIII.3.a. Measurement	(1.5)					
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0342	VIII.3.b. Critique	(.5)					
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D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF
0343	VIII.4. Communications Electronics Maintenance Management	8					
0344	VIII.4.a. State facts about the purpose and use of the maintenance data collection system CTS: 1.2.1. MEAS: W	(1)					
L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81	2.73	15	24	34	4.41	
0345	VIII.4.b. State facts about the purpose and use of preventative maintenance inspection and equipment status reporting CTS: 1.2.4. MEAS: W	(1)					
0346	VIII.4.c. Input maintenance data collection information into an automated system CTS: 1.2.2. MEAS: W/PC	(4)					
L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81	2.73	15	24	34	4.41	
0347	VIII.4.d. Perform inquiries on automated data system input CTS: 1.2.2. MEAS: W/PC	(2)					
L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81	2.73	15	24	34	4.41	
0348	VIII.5. Agile Logistics	4					

D	T Tsk	TNG	1ST	1ST	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
0349	VIII.5.a. State facts about agile logistics CTS: 1.7.1., 1.7.2., 1.7.3. MEAS: W	(.75)				
0350	VIII.5.a.(1). Describe the flow of parts (depot/commercial vendor)					
0351	VIII.5.a.(2). Describe the technician's role in agile logistics					
0352	VIII.5.b. Identify procedures used to process and control materials CTS: 1.2.5. MEAS: W	(.5)				
N0666	Establish requirements for equipment, tools, parts or supplies	.80	2	17	24	5.00
0353	III.5.c. Given the appropriate technical data and a scenario, research the required parts information without error CTS: 1.2.6. MEAS: PC	(2)				
N0666	Establish requirements for equipment, tools, parts or supplies	.80	2	17	24	5.00
0354	VIII.5.d. State facts about the purpose and use of the material deficiency reporting system CTS: 1.2.3. MEAS: W	(.75)				
N0668	Identify and report equipment or supply problems	1.56	14	34	37	4.72



D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF
0355	VIII.6. Deployable SHF Satellite Communication Systems (A Models) Laboratory	12					
0356	VIII.6.a. Configure SHF deployable satellite equipment utilizing the "A" model terminal CTS: 4.2., 10.3., 10.5. MEAS: W/PC	(6)					
H0314	Perform PMIs on modems	4.76	18	51	54	4.67	
J0522	Configure modems	6.00	18	57	58	4.60	
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	4.79	
J0524	Configure patch panels	5.80	18	57	58	4.99	
0357	VIII.6.a.(1). Digital multiplexer						
0358	VIII.6.a.(2). Modem						
0359	VIII.6.b. Perform an operational check of SHF deployable satellite equipment utilizing the "A" model terminals CTS: 4.2., 5.2., 10.2. 10.4. MEAS: W/PC	(6)					
H0314	Perform PMIs on modems	4.76	18	51	54	4.67	
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	18	55	57	4.90	
I0417	Perform PMIs on frequency standards	2.39	7	18	20	4.51	
0360	VIII.6.b.(1). Power turn-on						
0361	VIII.6.b.(2). Digital multiplexer						

D	T Tsk	TNG	1ST	1ST	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
0362	VIII.6.b.(3). Modem					
0363	VIII.7. Deployable SHF Satellite Communication Systems (All Models) Laboratory	24				
0364	VIII.7.a. Configure typical SHF deployable satellite equipment CTS: 5.4., 5.7., 10.7. MEAS: W/PC	(4)				
J0519	Configure down-converters or up-converters	5.61	18	55	53	4.39
0365	VIII.7.a.(1). Up-converter					
0366	VIII.7.1.a.(2). Down-converter					
0367	VIII.7.a.(3). Radio subsystem					
0368	VIII.7.b. Perform an operational check of typical SHF deployable satellite equipment CTS: 5.3, 5.6., 5.10., 10.6., 10.8. MEAS: W/PC	(4)				
B0064	Perform PMIs on antenna systems	4.46	18	70	72	4.44
C0115	Operationally check tracking systems	3.95	12	27	34	4.50
D0144	Perform PMIs on amplifiers	4.29	18	60	60	4.58
D0145	Perform PMIs on down-converters	5.20	18	72	66	4.54
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	6.25
E0178	Perform PMIs on transmitters	4.66	12	45	47	4.96

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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
E0179	Perform PMIs on up-converters	5.17	18	63	60	4.63
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	6.17
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0369	VIII.7.b.(1). Frequency standard					
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0370	VIII.7.b.(2). Up-converter					
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0371	VIII.7.b.(3). Down-converter					
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0372	VIII.7.b.(4). Radio subsystem					
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0373	VIII.7.b.(5). LNA					
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0374	VIII.7.b.(6). Antenna drive system					
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0375	VIII.7.b.(7). Antenna control equipment					
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0376	VIII.7.c. Acquire and track a satellite using SHF deployable satellite equipment CTS: 10.16. MEAS: PC		(3)			
J0516	Configure antenna tracking systems	3.49	11	25	29	4.53

D	T Tsk	TNG	1ST	1ST	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
0377	VIII.7.d. Configure SHF deployable satellite equipment system to establish a communications link CTS: 10.18. MEAS: PC	(4)				
J0528	Establish communications links	5.41	18	50	52	6.05
0378	VIII.7.e. Perform an operational check of SHF deployable satellite equipment communications link CTS: 10.17. MEAS: PC	(4)				
J0528	Establish communications links	5.41	18	50	52	6.05
J0567	Verify operational readiness with ground network or distant terminals	2.85	7	12	18	4.44
0379	VIII.7.f. Perform system testing of SHF deployable satellite equipment CTS: 10.13. MEAS: PC	(3)				
J0538	Perform bit error rate tests	4.76	18	49	51	4.90
0380	VIII.7.g. Monitor circuit link quality on SHF deployable satellite equipment CTS: 10.15. MEAS: PC	(2)				
J0538	Perform bit error rate tests	4.76	18	49	51	4.90
J0546	Perform noise figure tests	2.59	15	31	34	5.77
J0547	Perform noise-to-power ratio (NPR) tests	1.59	2	7	10	5.79
J0551	Perform receive signal level (RSL) checks	4.10	12	45	47	4.27
J0552	Perform RF level checks	3.59	12	39	39	4.38
0381	VIII.8. Deployable SHF Satellite Communication Systems (B Models) Laboratory	24				

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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
0382	VIII.8.a. Troubleshoot and repair SHF deployable satellite equipment system CTS: 10.14. MEAS: PC (12)					
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	6.21
D0162	Troubleshoot or repair detectors or discriminators	1.90	7	12	13	6.26
D0163	Troubleshoot or repair digital receivers	3.15	11	22	24	6.43
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	6.25
E0197	Troubleshoot or repair power amplifier monitoring systems	2.95	7	26	24	6.05
E0198	Troubleshoot or repair power monitors	2.49	7	21	20	6.14
E0199	Troubleshoot or repair transmit-gain circuits	2.83	7	21	20	6.17
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	6.17
0383	VIII.8.b. Troubleshoot and repair a typical SHF deployable satellite equipment CTS: 5.5., 5.8., 5.11., 10.9. MEAS: PC (12)					
B0088	Troubleshoot or repair antenna controls	3.90	12	44	48	5.42
C0134	Troubleshoot or repair tracking systems	3.41	12	26	35	6.28
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	6.20
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	6.17
0384	VIII.8.b.(1). Up-converter					
0385	VIII.8.b.(2). Down-converter					
0386	VIII.8.b.(3). LNA					

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T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF

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0387	VIII.8.b.(4). Antenna auto-tracking system						
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0388	VIII.8.b.(5). Antenna control equipment						
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0389	VIII.9. Measurement and Critique	2					
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0390	VIII.9.a. Measurement	(1.5)					
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0391	VIII.9.b. Critique	(.5)					
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0392	IX. DEPLOYABLE MULTIBAND SYSTEMS						
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0393	IX.1. Lightweight Multiband Satellite Terminal (LMST) AN/TSC-152A System Applications and Capabilities	28.5					
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0394	IX.1.a. Identify principles, capabilities and limitations of multiband systems CTS: 12.1. MEAS: W	(16)					
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D							
T Tsk			TNG		1ST	1ST	TSK
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF
0395	IX.1.a.(1). System Overview						
0396	IX.1.a.(2). Trailer Familiarization & Rack/Equipment Layout						
0397	IX.1.a.(3). Block Diagram/Signal Flow						
0398	IX.1.a.(4). Functional Analysis						
0399	IX.1.b. Identify principles, capabilities and limitations of power distribution CTS: 12.10. MEAS: W	(2)					
0400	IX.1.b.(1). Commercial						
0401	IX.1.b.(2). Generator						
0402	IX.1.c. Identify principles, capabilities and limitations of antenna control systems CTS: 12.12. MEAS: W	(5.5)					
J0516	Configure antenna tracking systems		3.49	11	25	29	4.53

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T Tsk			TNG		1ST	1ST	TSK	
Y Nbr	Task Title		EMP	ATI	JOB	ENL	DIF	

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0403	IX.1.c.(1).	Feed Polarization						
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0404	IX.1.c.(2).	ACU Functional Analysis						
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0405	IX.1.c.(3).	ACU Front Panel/Controls and Indicators						
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0406	IX.1.c.(4).	ACU Setup Screens						
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0407	IX.1.c.(5).	ACU Status and Alarm Screens						
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0408	IX.1.d.	Identify principles, capabilities and limitations of system monitoring CTS: 12.11. MEAS: W	(3)					
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0409	IX.1.d.(1).	CMA Block Diagram						
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0410	IX.1.d.(2).	OIU Screens						
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D	T Tsk	TNG	ATI	1ST	1ST	TSK
Y Nbr	Task Title	EMP		JOB	ENL	DIF
0411	IX.1.e. Identify principles, capabilities and limitations of control orderwires CTS: 12.8. MEAS: W	(2)				
J0529	Establish orderwire contacts	5.27	12	45	44	5.33
0412	IX.1.e.(1). Control Orderwire					
J0529	Establish orderwire contacts	5.27	12	45	44	5.33
0413	IX.1.e.(2). Link Orderwire					
J0529	Establish orderwire contacts	5.27	12	45	44	5.33
0414	IX.2. LMST Systems Operation and Maintenance Laboratory	39				
0415	IX.2.a. Perform Power Up and Power Down procedures CTS: 12.6 MEAS: PC	(3)				
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	6.25
E0178	Perform PMIs on transmitters	4.66	12	45	47	4.96
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	6.17
0416	IX.2.b. Configure baseband equipment CTS: 12.2., 12.3. MEAS: PC	(3)				
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	18	55	57	4.90
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	4.79

D	T Tsk	TNG	ATI	1ST	1ST	TSK
Y Nbr	Task Title	EMP		JOB	ENL	DIF
0417	IX.2.c. Perform an operational check on the baseband equipment CTS: 12.2., 12.3. MEAS: PC	(6)				
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	18	55	57	4.90
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	4.79
0418	IX.2.d. Configure Transmit/Receive equipment CTS: 12.4., 12.5. MEAS: PC	(4)				
J0522	Configure modems	6.00	18	57	58	4.60
J0538	Perform bit error rate tests	4.76	18	49	51	4.90
0419	IX.2.e. Perform an operational check on Transmit/Receive equipment CTS: 12.4., 12.5., 12.6. MEAS: PC	(12)				
D0161	Troubleshoot or repair amplifiers	3.83	12	37	43	6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	18	50	51	6.20
D0168	Troubleshoot or repair receivers	3.73	12	37	41	6.25
E0178	Perform PMIs on transmitters	4.66	12	45	47	4.96
E0200	Troubleshoot or repair transmitters	4.63	12	40	38	6.40
E0201	Troubleshoot or repair up-converters	5.12	18	56	55	6.17
J0522	Configure modems	6.00	18	57	58	4.60
J0538	Perform bit error rate tests	4.76	18	49	51	4.90
0420	IX.2.f. Configure Antenna Equipment CTS: 12.7. MEAS: PC	(5)				
J0519	Configure down-converters or up-converters	5.61	18	55	53	4.39
0421	IX.2.g. Configure Control, Monitor and Alarm Equipment CTS: 12.3., 12.5., 12.7. MEAS: PC	(6)				
J0519	Configure down-converters or up-converters	5.61	18	55	53	4.39
J0522	Configure modems	6.00	18	57	58	4.60
J0523	Configure multiplexers or demultiplexers	5.68	18	61	59	4.79

D	T Tsk	TNG	ATI	1ST	1ST	TSK
Y Nbr	Task Title	EMP		JOB	ENL	DIF
0422	IX.3. Measurement and Critique	1.5				
0423	IX.3.a. Measurement	(1)				
0424	IX.3.b. Critique	(.5)				
0425	IX.4. End of Course Critique	1				
0426	IX.5. End of Course Appointments	2				
0427	Tasks not referenced					
A0001	Adjust cable assemblies or internal wiring	1.78	8	46	51	2.10
A0002	Adjust circuit card assemblies (CCAs)	3.46	13	66	66	2.89
A0003	Adjust cross-connections	1.22	1	12	18	2.62
A0004	Adjust equipment grounds	2.83	8	63	66	1.70
A0005	Adjust user-calibrated test equipment	3.59	12	37	38	4.37
A0006	Adjust equipment safety devices	3.44	10	28	32	2.84
A0007	Fabricate or repair equipment cables	3.66	18	55	69	5.39
A0008	Inspect flight hardware	.12	2	3	5	5.03
A0009	Inspect flight safety wire	.17	2	7	6	4.11
A0010	Inspect waveguide switching networks	1.83	7	21	26	4.88
A0011	Inspect waveguides	4.15	13	59	64	3.65
A0012	Install cable assemblies or internal wiring	3.29	12	40	48	4.04
A0013	Install communications equipment	4.41	18	57	60	5.60
A0014	Install cross-connections	1.83	7	12	15	4.39
A0015	Install equipment grounds	4.51	13	64	65	3.10
A0016	Operationally check system or test equipment	6.41	18	69	74	5.23
A0017	Perform corrosion control	4.07	13	75	79	1.74
A0018	Perform end-to-end check-outs	5.93	12	37	47	5.95
A0019	Perform equipment cannibalization activities	1.34	14	32	41	4.43

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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
A0020	Perform software configurations on computer-based systems	2.49	7	17	27	5.76
A0021	Perform system diagnostics	5.27	18	45	55	5.58
A0022	Perform system power-downs	5.98	13	84	87	2.40
A0023	Perform system power-ups	5.93	13	84	86	2.46
A0024	Perform preventive maintenance inspections (PMIs) on CCAs	4.24	13	59	68	3.41
A0025	Perform PMIs on cross-connections	1.27	1	17	19	3.03
A0026	Perform PMIs on equipment grounds	3.56	13	46	53	2.46
A0027	Perform PMIs on equipment safety devices	3.46	10	43	49	2.66
A0028	Perform PMIs on cable assemblies or internal wiring	2.85	5	40	47	2.96
A0029	Reconstruct traces on circuit boards	.83	2	4	6	7.35
A0030	Remove electronic communications equipment	3.63	13	50	62	3.39
A0031	Remove or replace air filters	2.93	8	71	79	.67
A0032	Remove or replace blower motors	2.56	5	38	47	3.61
A0033	Remove or replace cable assemblies or internal wiring	3.07	13	46	55	3.92
A0034	Remove or replace CCAs	4.49	13	79	76	2.04
A0035	Remove or replace circuit board soldered electronic components	2.46	15	32	32	5.86
A0036	Remove or replace cross-connections	1.59	1	13	16	3.50
A0037	Remove or replace equipment grounds	3.76	13	64	65	2.48
A0038	Remove or replace light bulbs	2.34	****	79	85	-.62
A0039	Remove or replace minor plug-in or screw-in electronic components	2.95	8	68	72	.49
A0040	Remove or replace pumps	.66	1	9	11	3.85
A0041	Remove or replace surface-mounted devices on circuit boards	1.78	7	12	20	5.49
A0042	Remove or replace equipment safety devices	3.34	10	30	36	3.00
A0043	Solder or desolder connectors or hardwire circuits	3.51	12	37	43	4.71
A0044	Troubleshoot user-calibrated test equipment	1.85	7	29	28	5.70
A0045	Troubleshoot or repair blower motors	1.71	14	24	31	4.61
A0046	Troubleshoot or repair cable assemblies or internal wiring	3.73	18	43	50	5.22
A0047	Troubleshoot or repair CCAs	2.83	15	47	49	6.00
A0048	Troubleshoot or repair cross-connections	1.27	2	11	16	4.28
A0049	Troubleshoot or repair equipment grounds	3.37	13	44	51	3.39
A0050	Troubleshoot or repair light bulbs	1.63	6	46	51	.35
A0051	Troubleshoot or repair pumps	.51	2	8	11	4.22
A0052	Troubleshoot or repair equipment safety devices	3.46	9	27	29	3.50
A0053	Visually inspect guidewires	2.66	5	42	45	1.51
A0054	Visually inspect safety cables	3.32	13	48	54	1.58
B0055	Adjust antenna status equipment	3.15	18	46	52	4.35
B0056	Adjust dehydrators or pressurizers	1.95	7	22	26	4.81
B0057	Adjust tuneable waveguides	1.98	7	17	17	5.79
B0058	Assemble antenna radomes	1.02	2	12	10	5.28
B0059	Assemble feedhorn assemblies	3.37	12	44	47	4.80
B0060	Assemble or disassemble antennas	4.40	10	50	56	5.00

B0061	De-ice antennas	1.88	5	31	32	3.00
B0062	Perform waveguide insertion loss procedures	3.32	11	31	28	5.52
B0063	Perform PMIs on antenna status equipment	3.66	18	53	54	4.43

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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
B0065	Perform PMIs on antennas, other than antenna systems	3.41	18	45	50	4.20
B0066	Remove or replace antenna controls	3.15	12	36	44	4.76
B0067	Remove or replace antenna coupler components	2.34	15	30	37	4.78
B0068	Remove or replace antenna drive equipment	2.83	15	39	47	5.26
B0069	Remove or replace antenna lights	2.24	5	32	41	1.63
B0070	Remove or replace antenna radomes	.98	2	8	10	4.52
B0071	Remove or replace antenna reflector section components	2.71	15	27	34	4.18
B0072	Remove or replace antenna status equipment	2.59	15	26	36	4.46
B0073	Remove or replace antenna transmission lines or related components	2.80	5	31	37	3.88
B0074	Remove or replace antennas	3.76	12	42	46	4.56
B0075	Remove or replace cable trench sump pumps	.24	2	7	8	4.14
B0076	Remove or replace de-icers or heaters	1.29	2	21	23	4.52
B0077	Remove or replace dehydrators or pressurizers	1.56	2	17	22	4.49
B0078	Remove or replace diplexers or duplexers	2.07	7	20	22	4.73
B0079	Remove or replace feedhorn assemblies	3.59	12	43	46	4.49
B0080	Remove or replace feedhorn assembly components	3.29	12	36	39	4.59
B0081	Remove or replace filter assemblies	2.85	5	36	46	2.55
B0082	Remove or replace multicouplers	1.59	1	12	12	3.97
B0083	Remove or replace quick reaction antenna (QRA) components	4.54	12	23	33	4.32
B0084	Remove or replace relays	2.46	7	23	28	4.18
B0085	Remove or replace splitters or combiners	2.37	7	24	25	4.17
B0086	Troubleshoot diplexers or duplexers	2.29	7	19	21	5.52
B0087	Troubleshoot splitters or combiners	2.80	7	19	25	5.46
B0089	Troubleshoot or repair antenna drive equipment	3.66	12	42	48	5.90
B0090	Troubleshoot or repair antenna positioning circuits	3.59	12	35	38	6.33
B0091	Troubleshoot or repair antenna radomes	1.22	2	8	10	5.64
B0092	Troubleshoot or repair antenna status equipment	3.37	12	35	38	5.69
B0093	Troubleshoot or repair antenna systems	4.20	12	43	49	5.82
B0094	Troubleshoot or repair antenna transmission lines or related components	3.17	12	31	34	5.47
B0095	Troubleshoot or repair antennas, other than antenna systems	3.17	12	28	31	5.34
B0096	Troubleshoot or repair cable trench sump pumps	.07	2	7	9	5.44
B0097	Troubleshoot or repair de-icers or heaters	1.20	2	22	21	5.48
B0098	Troubleshoot or repair dehydrators or pressurizers	2.15	7	20	23	5.57
B0099	Troubleshoot or repair filter assemblies	2.12	15	31	34	4.23
B0100	Troubleshoot or repair relays	2.22	7	19	22	4.95
B0101	Troubleshoot or repair waveguides	3.12	12	38	40	5.27
B0102	Visually inspect antenna couplers	2.76	5	30	34	2.90
B0103	Visually inspect antenna radomes	1.78	3	19	22	2.68
B0104	Visually inspect antenna reflector sections	3.12	10	40	47	2.70
B0105	Visually inspect antennas	4.02	13	60	68	2.36
B0106	Visually inspect feedhorn assemblies	3.95	13	51	57	2.58
B0107	Visually inspect QRAs	3.98	10	33	39	2.48
B0108	Visually inspect waveguides	4.55	12	52	55	2.50

C0109	Adjust antenna positioning circuits	3.27	12	29	32	5.52
C0110	Adjust brake systems	2.12	7	16	21	5.42
C0111	Adjust phase shifters	1.56	2	10	14	5.95

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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
C0112	Adjust software configuration systems	1.66	2	12	16	5.83
C0113	Adjust tracking servo controls	3.02	15	26	32	5.87
C0114	Adjust tracking systems	3.46	12	27	32	5.82
C0116	Perform PMIs on software configuration systems	2.32	7	15	18	4.64
C0117	Perform PMIs on tracking systems	3.37	12	31	36	4.37
C0118	Remove or replace antenna tracking control drawers	2.83	7	21	29	4.15
C0119	Remove or replace brake systems	1.90	7	12	17	5.23
C0120	Remove or replace phase shifters	1.32	2	8	14	5.32
C0121	Remove or replace silicon control rectifier (SCR) cabinet components	1.44	2	7	8	5.52
C0122	Remove or replace software configuration systems	1.29	2	10	14	4.91
C0123	Remove or replace tracking system components	2.39	7	17	25	5.25
C0124	Troubleshoot phase shifters	1.24	2	10	13	6.26
C0125	Troubleshoot or repair brake systems	1.90	7	11	18	5.92
C0126	Troubleshoot or repair interrogators	1.00	2	4	6	6.37
C0127	Troubleshoot or repair SCR cabinets	1.59	2	7	9	6.30
C0128	Troubleshoot or repair software configuration systems	1.83	7	6	12	6.25
C0129	Troubleshoot or repair tracking demodulators	3.10	12	31	32	6.20
C0130	Troubleshoot or repair tracking down-converters	4.15	12	45	45	6.14
C0131	Troubleshoot or repair tracking receivers	3.61	12	33	38	6.17
C0132	Troubleshoot or repair tracking servo controls	2.95	15	28	31	6.27
C0133	Troubleshoot or repair tracking synchro controls	2.63	7	17	21	6.21
C0135	Troubleshoot or repair transponders	1.95	7	10	12	6.22
D0136	Adjust amplifiers	4.51	18	60	61	5.38
D0137	Adjust automatic gain controls (AGCs)	3.76	12	45	49	5.18
D0138	Adjust down-converters	5.41	18	68	65	4.90
D0139	Adjust interference suppression devices	1.63	2	11	12	5.11
D0140	Adjust mixers	2.56	7	22	25	5.09
D0141	Adjust pre- or post-selectors	2.49	15	39	33	4.79
D0142	Adjust receiver gain monitors	3.49	12	36	32	4.98
D0143	Adjust receivers	4.34	12	42	48	4.98
D0146	Perform PMIs on interference suppression devices	2.27	7	18	19	4.56
D0147	Perform PMIs on receivers	4.29	18	53	56	4.49
D0148	Remove or replace amplifiers	3.20	18	50	55	5.07
D0149	Remove or replace detectors or discriminators	1.88	7	12	15	4.74
D0150	Remove or replace down-converters	4.05	18	60	61	4.64
D0151	Remove or replace frame synchros	1.24	2	11	11	4.47
D0152	Remove or replace interference suppression devices	1.54	2	9	11	4.37
D0153	Remove or replace limiters	1.80	7	12	20	4.34
D0154	Remove or replace power divider assemblies	2.02	7	25	20	4.37
D0155	Remove or replace pre- or post-selectors	1.90	7	25	24	4.62
D0156	Remove or replace receive combiners	2.22	7	19	21	4.40
D0157	Remove or replace receivers	2.95	15	39	44	4.52
D0158	Remove or replace waveguide switching networks	2.02	7	19	25	4.88
D0159	Troubleshoot limiters	1.41	2	14	15	6.10
D0160	Troubleshoot power divider assemblies	1.80	7	21	18	6.18
D0165	Troubleshoot or repair interference suppression	1.44	2	12	12	6.26



devices

D0166	Troubleshoot or repair pre- or post-selectors	1.93	7	26	25	6.04
D0167	Troubleshoot or repair receive combiners	2.32	7	21	23	6.33

D	T Tsk	TNG	ATI	1ST	1ST	TSK
Y Nbr	Task Title	EMP		JOB	ENL	DIF
D0169	Troubleshoot or repair waveguide switching networks	2.78	7	26	26	6.01
E0170	Adjust automatic leveling controls (ALCs)	1.51	2	13	11	5.31
E0171	Adjust power monitors	2.90	7	28	26	4.83
E0172	Adjust transmit-gain circuits	3.24	11	25	27	5.18
E0173	Adjust up-converters	4.93	18	60	58	5.24
E0174	Adjust high-voltage power supplies	4.90	12	46	46	5.86
E0175	Perform PMIs on ALCs	1.73	2	13	11	4.50
E0176	Perform PMIs on cooling air circulation systems	2.12	7	21	22	4.13
E0177	Perform PMIs on high-voltage power supplies	4.39	12	50	47	5.13
E0180	Remove or replace cooling air circulation system components	1.49	2	21	21	4.54
E0181	Remove or replace directional couplers	2.17	7	23	28	4.60
E0182	Remove or replace dummy loads	2.56	8	54	50	3.49
E0183	Remove or replace line-voltage regulators	1.88	7	10	14	4.43
E0184	Remove or replace magic-T networks	.93	2	5	6	4.69
E0185	Remove or replace power combiners	1.61	2	17	16	4.60
E0186	Remove or replace power monitors	2.24	7	19	19	4.59
E0187	Remove or replace transmit-gain controls	2.05	7	20	19	4.85
E0188	Remove or replace transmitters	3.34	12	34	34	5.25
E0189	Remove or replace high-voltage power supply components	3.41	12	33	38	5.60
E0190	Troubleshoot directional couplers	2.29	7	21	24	5.98
E0191	Troubleshoot dummy loads	2.22	15	36	35	5.11
E0192	Troubleshoot magic-T networks	1.24	2	5	5	5.83
E0193	Troubleshoot power combiners	2.20	7	15	17	6.01
E0194	Troubleshoot or repair automatic leveling systems	1.83	7	10	10	6.29
E0195	Troubleshoot or repair cooling air circulation systems	1.61	2	21	18	5.82
E0196	Troubleshoot or repair line-voltage regulators	2.02	7	12	12	6.09
E0202	Troubleshoot or repair uplink waveguide switching networks	2.68	7	20	19	6.25
E0203	Troubleshoot or repair high-voltage power supplies	4.32	12	45	45	6.64
F0204	Adjust electrostatic surge arrestors (ESAs)	.93	2	7	6	5.43
F0205	Adjust time distribution subsystem pre-processors (TDSPPs)	1.15	2	7	9	5.41
F0206	Configure Air Force Satellite Communications (AFSATCOM) terminal equipment	3.93	12	39	34	6.07
F0207	Operationally check automatic send and receive (ASR) units	1.76	7	8	8	4.62
F0208	Operationally check command post synchronizers	1.27	2	5	6	4.63
F0209	Operationally check communications security (COMSEC) controls	2.93	7	26	29	4.59
F0210	Operationally check dual COMSEC switching units (DCSUs)	1.71	2	9	11	4.51
F0211	Operationally check emergency action message (EAM) equipment	1.37	2	10	12	4.35
F0212	Operationally check fault indicator panels (FIPs)	1.90	15	29	30	4.00
F0213	Operationally check force synchronizers	.98	2	5	6	4.40
F0214	Operationally check line modem units (LMUs)	1.56	2	17	14	4.24

F0215	Operationally check magnetic tape memories (MTMs)	.85	2	7	8	4.16
F0216	Operationally check message processor controls	.95	2	4	6	4.41
F0217	Operationally check message processor units (MPUs)	1.24	2	6	6	4.49

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'AFOMS (AETC) Randolph AFB TX'

D						
T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
F0218	Operationally check radio frequency (RF) controls	2.68	15	38	37	4.49
F0219	Operationally check receiver-transmitter (RT) controls	2.83	15	32	32	4.50
F0220	Operationally check remote interface units (RIUs)	1.66	2	22	19	4.65
F0221	Operationally check status display units (SDUs)	1.66	2	21	21	4.53
F0222	Operationally check supervisory status panels (SSPs)	1.32	2	4	6	4.64
F0223	Operationally check time standard modulators (TSMs)	1.56	2	12	14	4.30
F0224	Perform emergency MPU bypass procedures	1.29	2	2	3	5.61
F0225	Perform PMIs on ESAs	1.51	2	4	5	4.48
F0226	Perform PMIs on LMUs	1.88	7	9	7	4.56
F0227	Perform PMIs on TDSPPs	2.02	7	7	10	4.49
F0228	Perform PMIs on TSMs	2.12	7	11	12	4.40
F0229	Remove or replace ASR units	1.15	2	2	4	4.68
F0230	Remove or replace central processing units (CPUs)	1.20	2	13	14	4.89
F0231	Remove or replace command post synchronizers	1.07	2	3	4	4.94
F0232	Remove or replace COMSEC controls	1.88	7	14	15	4.94
F0233	Remove or replace DCSUs	1.66	2	7	11	4.65
F0234	Remove or replace digital interface units (DIUs)	1.02	2	5	8	4.72
F0235	Remove or replace ESAs	1.02	2	3	5	4.52
F0236	Remove or replace force synchronizers	1.07	2	3	3	4.62
F0237	Remove or replace LMUs	1.27	2	6	6	4.64
F0238	Remove or replace message processor controls	.95	2	4	5	4.91
F0239	Remove or replace MTMs	.76	2	2	3	4.60
F0240	Remove or replace RF controls	2.12	7	17	19	4.76
F0241	Remove or replace RIUs	.95	2	5	4	4.75
F0242	Remove or replace RT controls	1.51	2	7	9	4.73
F0243	Remove or replace SDUs	1.07	2	4	5	4.83
F0244	Remove or replace SSPs	1.00	2	2	2	4.70
F0245	Remove or replace TDSPPs	1.29	2	4	7	4.60
F0246	Remove or replace TSMs	1.51	2	8	11	4.54
F0247	Schedule satellite users	.90	2	6	6	5.25
F0248	Troubleshoot AFSATCOM systems to identify faulty units	3.07	11	23	23	6.49
F0249	Troubleshoot or repair ASR units	1.12	2	3	3	6.00
F0250	Troubleshoot or repair command post synchronizers	.73	2	4	4	6.11
F0251	Troubleshoot or repair COMSEC controls	1.41	2	13	10	6.04
F0252	Troubleshoot or repair CPUs	1.10	2	6	9	6.47
F0253	Troubleshoot or repair DCSUs	1.98	7	4	10	6.24
F0254	Troubleshoot or repair DIUs	.98	2	4	4	6.32
F0255	Troubleshoot or repair EAM equipment	1.07	2	7	7	6.13
F0256	Troubleshoot or repair ESAs	.93	2	3	3	6.23
F0257	Troubleshoot or repair FIPs	.95	2	3	4	6.17
F0258	Troubleshoot or repair force synchronizers	1.24	2	2	2	6.20
F0259	Troubleshoot or repair LMUs	1.20	2	7	5	6.28
F0260	Troubleshoot or repair message processor controls	.83	2	6	5	6.15
F0261	Troubleshoot or repair MTMs	.71	2	3	3	6.31
F0262	Troubleshoot or repair RF controls	2.46	7	27	24	6.14
F0263	Troubleshoot or repair RIUs	1.10	2	7	5	6.13
F0264	Troubleshoot or repair RT controls	1.51	2	10	10	6.15

F0265	Troubleshoot or repair SDUs	1.07	2	4	4	6.23
F0266	Troubleshoot or repair selective message routers (SMRs)	.63	2	6	3	6.24

D	T Tsk	TNG	1ST	1ST	TSK	
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
F0267	Troubleshoot or repair SSPs	.95	2	2	3	6.14
F0268	Troubleshoot or repair TDSPPs	1.24	2	7	9	6.15
F0269	Troubleshoot or repair TSMs	1.37	2	7	10	6.05
G0270	Brief crew members or passengers on emergency procedures	.66	1	10	14	3.79
G0271	Conduct aircrew mission briefings	.00	****	2	2	3.85
G0272	Coordinate correction of aircraft discrepancies or malfunctions with aircraft commander or job control	.00	****	1	2	4.70
G0273	Inspect life support equipment	.78	2	5	6	4.40
G0274	Inspect ramp areas for foreign object damage (FOD) matter	.66	1	4	5	2.11
G0275	Monitor radio communication transmissions	1.54	1	14	14	2.89
G0276	Perform aircrew safety observer procedures	.41	1	2	2	3.57
G0277	Perform post-flight equipment checkouts	.61	2	5	4	4.92
G0278	Perform pre-flight equipment checkouts	.51	2	7	5	5.01
G0279	Secure equipment for takeoff or landing	.39	1	6	4	3.77
G0280	Write or update flight manuals, safety and operational supplements, or flight crew checklists	.00	****	3	2	5.99
H0281	Adjust amplitude or delay equalizers	1.49	2	7	11	5.47
H0282	Adjust bit synchronizers	1.02	2	16	13	5.23
H0283	Adjust Ear-and-Mouth (E-and-M) signaling and control circuits	.98	2	3	10	5.10
H0284	Adjust echo suppressors	1.17	2	8	10	5.35
H0285	Adjust fiber-optic receivers or transmitters	1.68	2	8	12	5.61
H0286	Adjust four way/four wire bridges	1.20	2	2	6	5.37
H0288	Adjust in-band signaling and control circuits	1.27	2	4	8	5.30
H0289	Adjust level converters	1.63	2	17	19	5.02
H0290	Adjust level regulators	1.15	2	6	9	4.97
H0291	Adjust line isolation assemblies or battery isolation relay assemblies	1.17	2	2	6	5.26
H0292	Adjust modems	4.39	18	57	53	5.19
H0293	Adjust modulators or demodulators	4.46	12	49	47	5.34
H0294	Adjust multiplexers or demultiplexers	4.73	18	56	51	5.33
H0295	Adjust out-of-band signaling and control circuits	1.20	2	8	11	5.48
H0296	Adjust power supplies	4.22	12	48	42	4.89
H0297	Adjust shift keying modems	1.59	2	25	23	5.30
H0298	Adjust two wire/four wire conversion and termination circuits	1.05	2	14	15	5.04
H0299	Adjust word selectors	.66	2	2	2	5.21
H0300	Configure cryptographic equipment	3.49	12	36	36	4.95
H0301	Configure echo suppressors	1.44	2	8	10	4.91
H0302	Configure encoders or decoders	1.27	2	18	17	5.05
H0303	Operate bit synchronizers	1.41	2	17	18	4.40
H0304	Operate modulators or demodulators	4.34	12	47	49	4.36
H0305	Operate word selectors	.51	2	2	2	4.33
H0307	Perform modem bit error rate tests	4.90	12	43	45	4.72
H0308	Perform modem link characterization tests	2.17	11	17	16	5.68

H0309	Perform PMIs on bit synchronizers	1.49	2	13	12	4.58
H0310	Perform PMIs on modulators or demodulators	3.80	12	40	43	4.54
H0311	Perform PMIs on word selectors	.80	2	3	4	4.68

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D						
T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
H0312	Perform PMIs on encoders or decoders	1.59	2	14	16	4.70
H0313	Perform PMIs on four way/four wire bridges	1.05	2	4	7	4.60
H0316	Remove or replace amplitude or delay equalizers	1.12	2	5	8	4.80
H0317	Remove or replace bit synchronizers	1.22	2	11	11	4.65
H0318	Remove or replace computer interface equipment	1.78	7	8	11	4.83
H0319	Remove or replace cryptographic equipment	2.46	15	27	30	4.33
H0320	Remove or replace E-and-M signaling and control circuits	1.12	2	2	8	4.73
H0321	Remove or replace echo suppressors	1.37	2	6	8	4.49
H0322	Remove or replace encoders or decoders	1.27	2	16	14	4.55
H0323	Remove or replace fiber-optic receivers or transmitters	2.54	7	7	14	4.69
H0324	Remove or replace four way/four wire bridges	1.02	2	6	7	4.53
H0325	Remove or replace frequency generators	1.95	7	17	21	4.36
H0326	Remove or replace hubbing or multiparty equipment	.98	2	5	5	4.84
H0327	Remove or replace in-band signaling and control circuits	.59	2	2	7	4.73
H0328	Remove or replace level converters	1.44	2	18	19	4.38
H0329	Remove or replace level inverters	1.24	2	7	10	4.63
H0330	Remove or replace line or battery isolation relay assemblies	1.02	2	7	7	4.67
H0331	Remove or replace modems	4.02	18	54	56	4.30
H0332	Remove or replace modulators or demodulators	3.63	12	42	46	4.36
H0333	Remove or replace multiplexers or demultiplexers	3.10	12	50	49	4.33
H0334	Remove or replace out-of-band signaling and control circuits	.88	2	5	7	4.43
H0335	Remove or replace power supplies	3.83	18	55	58	4.32
H0336	Remove or replace series or parallel converters	1.12	2	7	10	4.60
H0337	Remove or replace two wire/four wire conversion and termination circuits	.80	2	5	8	4.53
H0338	Remove or replace word selectors	.56	2	2	2	4.54
H0339	Troubleshoot or repair amplitude or delay equalizers	1.32	2	4	7	5.88
H0340	Troubleshoot or repair bit synchronizers	1.37	2	12	10	5.99
H0341	Troubleshoot or repair computer interface equipment	1.66	2	6	8	6.11
H0342	Troubleshoot or repair E-and-M signaling and control circuits	1.12	2	3	6	6.01
H0343	Troubleshoot or repair echo suppressors	1.24	2	10	10	6.19
H0344	Troubleshoot or repair encoders or decoders	.98	2	12	11	6.12
H0345	Troubleshoot or repair four way/four wire bridges	.98	2	6	8	6.15
H0346	Troubleshoot or repair hubbing or multiparty equipment	.98	2	4	5	6.28
H0347	Troubleshoot or repair in-band signaling and control circuits	1.02	2	2	6	6.15
H0348	Troubleshoot or repair level converters	1.44	2	16	18	6.05
H0349	Troubleshoot or repair level inverters	1.05	2	5	9	6.11
H0350	Troubleshoot or repair line or battery isolation relay assemblies	.98	2	4	6	6.07
H0352	Troubleshoot or repair modulators or demodulators	4.22	12	44	48	6.22



H0354	Troubleshoot or repair out-of-band signaling and control circuits	.71	2	7	7	6.34
H0355	Troubleshoot or repair power supplies	4.10	12	44	46	6.07

D						
T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
H0356	Troubleshoot or repair series or parallel converters	.85	2	11	10	6.16
H0357	Troubleshoot or repair two wire/four wire conversion and termination circuits	.88	2	5	9	6.21
H0358	Troubleshoot or repair word selectors	.49	2	2	2	6.10
I0359	Adjust analog-to-digital or digital-to-analog converters	2.51	7	19	24	5.25
I0360	Adjust automatic frequency controls (AFCs)	1.98	7	9	11	5.12
I0361	Adjust battery charging systems	1.39	2	9	13	5.11
I0362	Adjust built-in test equipment (BITE)	3.37	12	40	40	4.79
I0363	Adjust carrier-level detectors	1.93	7	6	11	5.06
I0364	Adjust closed circuit video systems (CCVSs)	.73	2	2	3	5.34
I0365	Adjust command destruct systems	.34	2	3	3	5.30
I0366	Adjust countdown clocks	.78	2	6	5	5.15
I0367	Adjust digital recorders or printers	.90	2	6	7	4.96
I0368	Adjust diversity combiners	.85	2	4	6	5.36
I0369	Adjust elapsed-time clocks	.76	2	3	4	5.20
I0370	Adjust equipment alarm circuits or automatic fault sensing and switching networks	1.88	7	10	14	5.20
I0371	Adjust facsimile equipment	.46	2	4	8	5.19
I0372	Adjust fiber-optic systems	2.02	7	11	13	5.58
I0373	Adjust frequency standards	2.68	7	21	23	5.21
I0374	Adjust hybrid bridges	1.00	2	3	3	5.22
I0375	Adjust infrared systems	.54	2	2	2	5.37
I0376	Adjust laser systems	.78	2	2	2	5.75
I0377	Adjust line conditioning equipment	1.68	2	5	7	5.32
I0378	Adjust magnetic data tape recorders	.66	2	5	5	5.39
I0379	Adjust mission console workstations	.54	2	2	5	5.28
I0380	Adjust munitions firing systems	.32	2	3	3	5.37
I0381	Adjust optical disk recorders	.51	2	2	2	5.36
I0382	Adjust optical systems	.73	2	3	3	5.44
I0383	Adjust oscillators	2.80	7	30	28	5.16
I0384	Adjust oscillograph recorders	.37	2	2	2	5.53
I0385	Adjust printers	.68	2	11	16	5.06
I0386	Adjust private branch exchange (PBX) systems or switchboard interface equipment	.68	2	1	3	5.44
I0387	Adjust signaling subsystems	1.24	2	4	4	5.49
I0388	Adjust synthesizers	2.63	7	17	21	5.00
I0389	Adjust transducers	.73	2	5	6	5.40
I0390	Adjust transmit or receive path equalizers	1.49	2	7	9	5.45
I0391	Adjust uninterruptible power supplies (UPSs)	1.80	7	12	12	5.27
I0392	Adjust general purpose power supplies	2.05	7	19	18	4.77
I0393	Calibrate transducers	.76	2	3	3	5.79
I0394	Operate computer processors	1.66	2	4	11	4.82
I0395	Perform PMIs on CCVSs	.46	2	3	2	4.56
I0396	Perform PMIs on command destruct systems	.27	2	4	4	4.54
I0397	Perform PMIs on computer processors	1.02	2	3	5	4.68
I0398	Perform PMIs on countdown clocks	.71	2	2	2	4.51

I0399	Perform PMIs on digital recorders or printers	1.10	2	2	6	4.60
I0400	Perform PMIs on elapsed-time clocks	.59	2	1	2	4.52
I0401	Perform PMIs on infrared systems	.59	2	2	2	4.53

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D						
T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
I0402	Perform PMIs on laser systems	.59	2	4	3	4.90
I0403	Perform PMIs on magnetic data tape recorders	.83	2	2	5	4.89
I0404	Perform PMIs on mission console workstations	.59	2	4	5	4.68
I0405	Perform PMIs on munitions firing systems	.27	2	2	3	4.78
I0406	Perform PMIs on optical disk recorder	.51	2	1	2	4.62
I0407	Perform PMIs on optical systems	.66	2	4	5	4.71
I0408	Perform PMIs on oscillograph recorders	.27	2	1	2	4.66
I0409	Perform PMIs on analog-to-digital or digital-to-analog converters	2.15	7	16	19	4.47
I0410	Perform PMIs on attenuator pads	1.44	1	5	8	3.90
I0411	Perform PMIs on automatic or manual transfer units or switching panels	1.24	2	4	5	4.49
I0412	Perform PMIs on BITE	2.34	15	31	31	4.08
I0413	Perform PMIs on distribution frames and associated wiring	1.29	2	5	8	4.23
I0414	Perform PMIs on diversity combiners	1.02	2	6	6	4.60
I0415	Perform PMIs on equipment alarm circuits or automatic fault sensing and switching networks	1.85	7	7	12	4.30
I0416	Perform PMIs on fiber-optic systems	2.02	7	12	16	4.49
I0418	Perform PMIs on hybrid bridges	.80	2	2	3	4.54
I0419	Perform PMIs on hybrid term units	.80	2	2	3	4.55
I0420	Perform PMIs on line conditioning equipment	1.05	2	3	7	4.27
I0421	Perform PMIs on magnetic data tape recorders	.68	2	5	5	4.63
I0422	Perform PMIs on magnetic mass storage	.68	2	3	3	4.68
I0423	Perform PMIs on oscillators	1.83	7	19	18	4.21
I0424	Perform PMIs on patch panels	2.22	3	21	25	3.94
I0425	Perform PMIs on printers	.93	1	10	15	3.99
I0426	Perform PMIs on RF combiners	1.56	2	13	18	4.41
I0427	Perform PMIs on remote control devices	.98	2	8	9	4.06
I0428	Perform PMIs on station batteries	1.20	2	8	11	4.25
I0429	Perform PMIs on UPSs	1.51	2	14	18	4.14
I0430	Remove or replace AFCs	1.00	2	4	4	4.83
I0431	Remove or replace analog-to-digital or digital-to-analog converters	2.00	7	17	20	4.82
I0432	Remove or replace attenuators	2.34	3	26	28	3.80
I0433	Remove or replace automatic or manual transfer units or switching panels	1.00	2	4	7	4.76
I0434	Remove or replace battery charging systems	1.00	2	6	11	4.97
I0435	Remove or replace BITE	2.29	15	28	31	4.50
I0436	Remove or replace carrier-level detectors	.95	2	5	7	4.81
I0437	Remove or replace CCVSS	.88	2	2	3	4.61
I0438	Remove or replace command destruct systems	.63	2	5	4	4.75
I0439	Remove or replace countdown clocks	.54	2	2	3	4.61
I0440	Remove or replace digital recorders or printers	.76	2	3	7	4.63
I0441	Remove or replace elapsed-time clocks	.51	2	2	3	4.69
I0442	Remove or replace equipment alarm circuits or automatic fault sensing and switching networks	1.02	2	5	8	4.72

I0443	Remove or replace fiber-optic system components	1.73	2	7	11	4.91
I0444	Remove or replace frequency standards	2.39	7	15	16	4.85
I0445	Remove or replace hybrid bridges	.95	2	4	3	4.75

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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
I0446	Remove or replace infrared systems	.68	2	2	2	5.04
I0447	Remove or replace laser systems	.68	2	2	2	5.46
I0448	Remove or replace line conditioning equipment	1.02	2	5	8	4.61
I0449	Remove or replace line equalizers	.98	2	3	5	4.57
I0450	Remove or replace magnetic data tape recorders	.83	2	6	6	4.66
I0451	Remove or replace magnetic mass storage	.78	2	2	2	4.69
I0452	Remove or replace mission console workstations	.54	2	4	7	4.68
I0453	Remove or replace mixers	1.27	2	10	11	4.79
I0454	Remove or replace munitions firing systems	.27	2	2	3	4.81
I0455	Remove or replace optical disk recorders	.56	2	3	2	4.66
I0456	Remove or replace optical systems	.68	2	3	3	5.10
I0457	Remove or replace oscillators	1.32	2	17	22	4.76
I0458	Remove or replace oscillograph recorders	.27	2	2	2	4.70
I0459	Remove or replace patch panels	1.93	7	17	23	5.02
I0460	Remove or replace printers	.85	2	11	16	4.09
I0461	Remove or replace remote control devices	.95	2	8	10	4.53
I0462	Remove or replace RF combiners	1.68	2	16	20	4.88
I0463	Remove or replace signaling subsystem components	.95	2	5	7	4.90
I0464	Remove or replace station batteries	.83	2	12	12	4.62
I0465	Remove or replace synthesizers	1.93	7	21	21	4.72
I0466	Remove or replace test translators	1.07	2	14	13	4.71
I0467	Remove or replace transducers	.83	2	7	7	4.75
I0468	Remove or replace UPS components	1.12	2	6	9	4.69
I0469	Remove or replace general purpose power supplies	1.85	7	17	20	4.23
I0470	Troubleshoot attenuators	1.61	2	16	19	4.61
I0471	Troubleshoot or repair AFCs	1.17	2	2	3	5.68
I0472	Troubleshoot or repair analog-to-digital or digital-to-analog converters	1.98	7	16	20	6.12
I0473	Troubleshoot or repair automatic or manual transfer units or switching panels	.98	2	4	8	6.02
I0474	Troubleshoot or repair battery charging systems	.90	2	7	10	5.71
I0475	Troubleshoot or repair BITE	2.17	7	22	27	5.72
I0476	Troubleshoot or repair carrier-level detectors	1.24	2	5	7	5.87
I0477	Troubleshoot or repair CCVSS	.59	2	2	2	6.09
I0478	Troubleshoot or repair command destruct systems	.24	2	4	3	6.11
I0479	Troubleshoot or repair computer processors	.54	2	5	6	6.45
I0480	Troubleshoot or repair countdown clocks	.44	2	5	3	6.35
I0481	Troubleshoot or repair cryptographic equipment	1.22	2	11	13	6.50
I0482	Troubleshoot or repair digital recorders or printers	.54	2	3	6	6.29
I0483	Troubleshoot or repair distribution frames and associated wiring	1.29	2	2	6	6.18
I0484	Troubleshoot or repair elapsed-time clocks	.32	2	1	2	6.14
I0485	Troubleshoot or repair equipment alarm circuits or automatic fault sensing and switching networks	1.12	2	8	10	6.15
I0486	Troubleshoot or repair facsimile equipment	.44	2	5	6	6.29
I0487	Troubleshoot or repair fiber-optic systems	1.46	2	8	14	6.37
I0488	Troubleshoot or repair hybrid bridges	.68	2	2	2	6.22

I0490	Troubleshoot or repair infrared systems	.44	2	2	2	6.46
I0491	Troubleshoot or repair laser systems	.20	2	3	2	6.77

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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
I0492	Troubleshoot or repair line conditioning equipment components	.85	2	6	8	6.14
I0493	Troubleshoot or repair line equalizers	.68	2	4	4	6.12
I0494	Troubleshoot or repair magnetic data tape recorders	.61	2	5	5	6.42
I0495	Troubleshoot or repair magnetic mass storage	.39	2	2	2	6.47
I0496	Troubleshoot or repair mission console workstations	.49	2	3	6	6.51
I0497	Troubleshoot or repair mixers	1.12	2	9	12	5.96
I0498	Troubleshoot or repair munitions firing systems	.15	2	2	2	6.22
I0499	Troubleshoot or repair optical disk recorders	.17	2	2	2	6.45
I0500	Troubleshoot or repair optical systems	.76	2	1	3	6.61
I0501	Troubleshoot or repair oscillators	1.59	2	17	18	6.11
I0502	Troubleshoot or repair oscillograph recorders	.49	2	2	3	6.41
I0503	Troubleshoot or repair patch panels	3.00	15	30	30	5.60
I0504	Troubleshoot or repair power distribution panels	1.80	7	17	18	5.70
I0505	Troubleshoot or repair printers	.80	2	11	14	5.87
I0506	Troubleshoot or repair remote control devices	.98	2	7	9	5.94
I0507	Troubleshoot or repair RF combiners	1.59	2	17	18	5.96
I0508	Troubleshoot or repair signaling subsystems	.73	2	6	7	6.16
I0509	Troubleshoot or repair synthesizers	1.37	2	21	21	6.09
I0510	Troubleshoot or repair test translators	.71	2	20	16	5.99
I0511	Troubleshoot or repair transducers	.49	2	8	7	6.21
I0512	Troubleshoot or repair UPSs	1.37	2	9	11	6.17
I0513	Troubleshoot or repair general purpose power supplies	2.51	7	19	20	5.76
J0514	Annotate master station or project logs	3.17	10	28	38	2.33
J0515	Compose and transmit messages using teletype equipment	1.27	1	12	14	3.30
J0517	Configure automatic or manual transfer units or switching panels	1.95	7	7	14	4.83
J0518	Configure computer based data processing equipment	1.41	2	7	10	5.17
J0520	Configure equipment for network operations	3.00	7	20	21	5.17
J0521	Configure global positioning satellite (GPS) receivers	3.73	11	20	22	4.90
J0525	Configure recording equipment	1.29	2	6	10	4.76
J0526	Configure timing equipment	4.27	12	31	35	5.37
J0527	Coordinate operational schedule changes with area controlling agencies	1.54	2	4	9	5.00
J0530	Initiate satellite equipment reports (SERs)	2.98	7	24	28	4.43
J0531	Monitor frequencies, such as to determine interference or equipment operation	2.63	15	24	30	4.89
J0532	Perform post-pass procedures	1.59	2	7	5	4.69
J0533	Perform pre-pass procedures	1.49	2	7	6	4.67
J0534	Perform amplitude linearity tests	1.46	2	5	6	5.18
J0535	Perform audio frequency tests	1.61	2	10	10	4.62
J0536	Perform baseband loading procedures	1.90	7	7	9	5.07
J0537	Perform baseband sweep procedures	2.00	7	11	14	5.23
J0539	Perform carrier-to-receiver noise density (C/kT) checks	3.10	11	14	19	5.76
J0540	Perform changeovers between commercial power and back up generators	2.73	7	21	28	4.63



J0541	Perform communications circuit fault isolation procedures	4.27	12	25	33	5.69
J0542	Perform frequency response tests	2.34	7	15	17	5.87

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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
J0543	Perform harmonic distortion tests	1.24	2	7	8	6.04
J0544	Perform idle channel noise tests	1.68	2	10	10	5.46
J0545	Perform loop-back or end-to-end tests	4.24	12	50	49	5.37
J0548	Perform orderwire noise level tests	1.80	7	12	11	5.51
J0549	Perform patch or test facilities alternate circuit routing procedures	2.56	7	11	13	5.34
J0550	Perform receive link gain checks	3.02	7	14	20	5.41
J0553	Perform satellite acquisition procedures	5.71	12	46	49	5.09
J0554	Perform satellite network operations procedures	3.44	11	21	23	5.21
J0555	Perform satellite tracking procedures	5.34	12	46	49	4.82
J0556	Perform software loading procedures	2.15	7	11	18	4.55
J0557	Perform switchovers of equipment subassemblies to redundant equipment	3.68	12	26	31	4.40
J0558	Perform terminal impedance tests	1.17	2	11	10	5.18
J0559	Perform test tone level tests	2.63	7	17	16	4.46
J0561	Perform voltage standing wave ratio (VSWR) measurements	2.41	7	20	22	5.28
J0562	Report satellite status to appropriate agencies	3.76	10	22	30	3.42
J0563	Submit after-action reports	2.37	7	9	17	4.41
J0564	Submit gateway access requests	1.15	2	5	7	4.87
J0565	Submit satellite access requests	1.85	7	12	21	5.08
J0566	Update ephemeris sets	1.00	2	9	15	4.71
K0568	Adjust kineto tracking mount (KTM) systems	.12	2	2	1	5.52
K0569	Analyze test requirements to determine support such as equipment, facilities, or personnel	.56	2	5	8	5.96
K0570	Assemble and install cable troughs	.71	2	8	10	4.03
K0571	Assemble and install interconnects	1.61	2	7	9	4.16
K0572	Coordinate instrumentation checkouts with other test teams	.85	2	7	8	4.84
K0573	Coordinate project support agreements (PSAs) with appropriate agencies	.29	2	3	4	5.66
K0574	Coordinate test directives with appropriate agencies	.15	2	6	7	5.58
K0575	Coordinate test item or equipment preparation with technical data agencies or engineers	.15	2	4	7	5.53
K0576	Coordinate test parameters with test directors	.39	2	2	5	5.75
K0577	Coordinate test support with base or range agencies	.27	2	4	7	5.69
K0578	Design or construct electronic circuits	.27	2	6	7	8.03
K0579	Design or construct mounting devices	.27	2	4	7	7.00
K0580	Determine power source requirements for equipment operation	.93	2	7	13	6.67
K0581	Draft blueprints, cabling, circuit or wiring schematic diagrams	.15	2	3	6	8.25
K0582	Draft facility layouts	.05	2	3	3	7.73
K0583	Draft systems diagrams	.32	2	2	6	7.77
K0584	Evaluate condition and quality of instrumentation recordings	.12	2	6	5	7.03
K0585	Evaluate test locations	.12	2	4	5	6.58

K0586	Evaluate test safety requirements	.44	2	8	9	6.39
K0587	Fabricate or repair cable connectors	3.05	12	28	38	5.18
K0588	Form and fan equipment cables	1.61	2	4	9	4.96

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D						
T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
K0589	Install or remove antenna systems	3.49	12	34	40	5.14
K0590	Install or remove cable ladders	1.49	2	10	8	4.53
K0591	Install or remove cabling between van sites	2.10	7	18	24	4.12
K0592	Install or remove distribution frames and associated wiring	1.02	2	7	9	5.05
K0593	Install or remove electrical conduits	1.20	2	12	12	4.62
K0594	Install or remove fixed communications equipment	2.05	7	21	17	5.33
K0595	Install or remove line conditioning equipment	1.24	2	7	7	5.03
K0596	Install or remove master station grounds	1.98	7	13	15	4.77
K0597	Install or remove power distribution systems	1.63	2	14	15	5.28
K0598	Install or remove power generating equipment	1.71	2	15	18	5.33
K0599	Interpret blueprints, cabling, circuit or wiring schematic diagrams	1.85	7	23	23	6.28
K0600	Interpret logic diagrams	1.59	2	15	15	6.12
K0601	Operate KTM systems	.15	2	1	1	5.23
K0602	Operate range radars	.00	****	2	2	5.58
K0603	Operationally check safe and arm devices	.46	2	2	5	5.08
K0604	Perform information system (IS) relocation project or scheme procedures	.17	2	2	2	6.48
K0605	Perform IS removal project or scheme procedures	.17	2	2	2	6.28
K0606	Perform post-installation operational tests	.76	2	10	11	5.92
K0607	Perform pre-implementation surveys	.41	2	4	4	5.93
K0608	Perform project or scheme reviews	.15	2	5	4	6.22
K0609	Perform site survey procedures	2.27	7	12	21	5.95
K0610	Perform static firing of munitions or ordinance devices	.15	2	5	5	5.57
K0611	Prepare job completion documentation	1.76	7	12	20	4.88
K0612	Prepare post-installation documentation	1.17	2	7	10	5.07
K0613	Prepare pre-implementation documentation	.90	2	7	9	5.16
K0614	Prepare project or scheme review documentation	.20	2	2	4	5.47
K0615	Prepare site for equipment installation	1.93	7	17	21	5.35
K0616	Prepare work phase documentation	.44	2	4	7	5.64
K0617	Set up antenna systems	4.78	12	38	43	5.54
K0618	Set up or tear down KTM systems	.44	2	3	2	5.56
K0619	Set up or tear down range radars	.32	2	3	2	5.61
K0620	Site antenna systems	3.76	11	17	20	5.46
K0621	Site KTM systems	.37	2	2	2	5.59
L0622	Adjust daily maintenance plans to meet operational commitments	.90	2	14	15	5.35
L0623	Analyze core automated maintenance system (CAMS), Reliability and Maintainability Information System (REMIS), Improved Maintenance Management Program (IMMP), or G081 data	1.27	2	18	23	5.65
L0624	Clear Red-X or hazardous conditions	.80	2	5	7	5.87
L0625	Develop equipment inventory listings (EILs) and master PMI listings	.95	2	10	14	5.67
L0626	Evaluate new, modified, or prototype equipment	.27	2	8	8	6.88



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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
L0627	Identify problem areas using deficiency, service, or status reports, such as reports of deficiency (RODs) or product quality deficiency reports (PQDRs), other than equipment or supply	1.07	2	10	13	6.15
L0628	Initiate or annotate aircraft flight or maintenance records, such as AFTO Forms 781 (Aircrew/Mission Flight Data Document) or 349 (Maintenance Data Collection Record)-series	1.05	2	4	7	5.53
L0629	Initiate or coordinate deficiency, service, or status reports, such as RODs or PQDRs	.95	2	7	12	5.75
L0630	Maintain due-in-from-maintenance (DIFM) transaction reports	1.68	2	9	19	5.18
L0631	Perform time compliance technical order (TCTO) inspections	2.46	15	31	36	5.43
L0632	Report equipment status to appropriate agencies	2.02	15	24	33	4.19
L0633	Retrieve CAMS, REMIS, IMMP, or GO81 listings or reports	1.59	14	29	38	4.68
L0634	Review aircraft flight or maintenance records, such as AFTO Forms 781 or 349-series	.46	2	4	6	4.91
L0635	Review preventive maintenance schedules	2.85	15	30	43	4.08
L0636	Update EIL and master PMI listings	1.10	2	10	23	4.58
L0637	Update manual documents, such as AFTO Form 349 (Maintenance Data Collection Record)	2.71	7	10	26	4.34
L0638	Update historical reports in CAMS, REMIS, IMMP, or GO81	2.27	15	23	36	4.41
L0640	Update personnel data files in CAMS, REMIS, IMMP, or GO81	1.68	14	32	40	4.51
L0641	Update workcenter training reports in CAMS, REMIS, IMMP, or GO81	1.37	14	22	32	4.59
L0642	Verify accuracy of CAMS, REMIS, IMMP, or GO81 daily inputs	1.63	2	21	27	4.61
M0643	Compile data for records, reports, logs, or trend analyses	.85	2	19	24	5.18
M0644	Complete accident or incident reports	1.15	14	26	30	4.53
M0645	Destroy classified materials or documents	3.15	13	40	50	3.99
M0646	Establish or maintain automated technical order management system (ATOMS) accounts	1.07	2	11	17	4.76
M0647	Establish or maintain accountability records for classified materials or documents	1.49	2	12	19	5.05
M0648	Identify and report suspected security compromises	2.95	15	23	31	4.69
M0649	Initiate classified reports, messages, or documents	1.05	2	9	15	5.30
M0651	Initiate or maintain standby rosters or workcenter pyramid recall rosters	.71	1	13	23	3.67
M0652	Initiate requests for temporary duty (TDY) orders	.46	2	7	8	4.39
M0653	Inventory classified materials or documents	2.27	15	26	40	4.12
M0654	Maintain administrative files	1.05	2	12	20	4.03
M0655	Maintain publications libraries other than TO	1.46	2	14	22	4.01

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M0656	Maintain time compliance technical orders (TCTOs)	1.54	2	19	28	4.09
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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
M0658	Maintain or update status indicators, such as boards, graphs, or charts	.71	1	12	20	3.84
M0659	Participate in TCTO meetings	.59	1	4	6	3.93
M0660	Prepare administrative or classified materials or documents for mailing, transporting, or issue	.93	2	7	10	4.49
M0661	Review TO changes	1.73	4	28	36	3.92
M0662	Review TO improvement reports, such as AFTO Forms 22	1.32	2	19	23	4.28
M0663	Write minutes of briefings, conferences, or meetings	.63	2	6	10	4.06
N0664	Coordinate maintenance of equipment with appropriate agencies	1.22	2	18	26	4.31
N0665	Develop equipment checklists	1.59	2	18	22	5.13
N0667	Evaluate serviceability of equipment, tools, parts, or supplies	2.54	15	34	37	4.65
N0669	Initiate requisitions for equipment, tools, parts, or supplies	2.02	7	21	27	4.27
N0670	Inventory equipment, tools, parts, or supplies	2.88	8	50	58	3.50
N0671	Issue or log turn-ins of equipment, tools, parts, or supplies	1.95	5	27	33	3.76
N0672	Maintain documentation on items requiring periodic inspections or calibrations	1.78	15	26	30	4.06
N0673	Maintain organizational equipment or supply records	1.76	7	13	20	4.17
N0674	Pick up, deliver, or store equipment, tools, parts, or supplies	1.88	5	43	45	3.20
O0675	Assign personnel to mobility or contingency positions	.29	2	2	2	4.26
O0676	Brief deploying personnel	.41	2	2	3	4.22
O0677	Compile or prepare status of resources training systems (SORTSs)	.39	2	2	5	5.34
O0678	Complete operations plan (OPLAN) sourcing requirements	.32	2	2	1	5.98
O0679	Compute OPLAN requirements status listings	.37	2	2	1	5.82
O0680	Conduct contingency operation or mobility planning and execution system (COMPES) programs	.17	2	2	3	5.95
O0681	Conduct mobility or deployment site surveys	1.85	7	6	14	5.67
O0682	Configure mobile vans	2.24	7	21	29	5.54
O0683	Coordinate area port joint inspections with area port squadrons	.10	2	3	2	5.35
O0684	Coordinate deployment of personnel with other MAJCOMs or joint service commands	.17	2	3	2	5.90
O0685	Coordinate exercise sourcing requirements with functional managers	.17	2	2	2	5.74
O0686	Coordinate limited technical inspection (LTI) vehicle inspections with vehicle maintenance	.41	2	3	6	4.89
O0687	Coordinate mobility or contingency requirements with appropriate agencies	.44	2	2	3	5.71
O0688	Coordinate specific source of personnel requirements with appropriate agencies	.20	2	2	2	5.59
O0689	Determine cost factors for support agreements	.22	2	2	2	6.45
O0690	Determine specific source of personnel requirements	.22	2	2	2	6.07



	for deployment manning documents					
00691	Develop contingency exercise mobility (CEM) orders	.29	2	2	2	5.87
00692	Develop cut sheets	2.24	7	9	18	6.31

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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
00693	Develop maintenance plans	1.00	2	3	6	6.08
00694	Develop mobility inspection checklists	1.37	2	4	7	5.65
00695	Dig trenches, such as around tents and shelters	1.46	1	18	20	2.00
00696	Don or doff chemical warfare personal protective clothing	2.93	5	26	33	3.15
00697	Draft mobility or deployment after-action reports	.83	2	2	6	4.97
00698	Initiate or process acquisition documents, such as requests for proposals (RFPs)	.46	2	1	1	5.72
00699	Initiate or process modification management documents (MMDs)	.46	2	2	1	6.10
00700	Inspect cut sheets	2.85	7	18	25	5.51
00701	Inspect launch support systems	.00	****	2	2	5.40
00702	Inspect mobility bags or kits	1.98	3	23	29	3.20
00703	Inspect packed or palletized mobility or contingency equipment prior to transport	2.29	7	12	20	4.52
00704	Install ground systems at deployed locations	2.83	3	21	27	3.86
00705	Load plan aircraft for deployments	.98	2	2	4	6.34
00706	Maintain disaster preparedness checklists	1.00	2	7	12	4.18
00707	Maintain accountability of personnel selected to fill OPLAN requirements	.29	2	1	2	4.62
00708	Maintain base OPLAN files	.07	2	1	2	4.90
00709	Pack or palletize mobility or contingency equipment for shipment or movement such as, airlift, road, or sealift	2.49	15	22	30	5.14
00710	Perform camouflage procedures	2.61	15	27	34	4.29
00711	Perform camp security	2.20	5	22	30	3.79
00712	Perform chemical warfare agent decontamination procedures	2.66	15	23	30	4.22
00713	Perform disease or pestilence countermeasures	1.61	2	12	12	4.35
00714	Perform explosive ordnance reconnaissance	2.20	3	19	19	3.99
00715	Perform pallet buildup activities	2.41	15	34	34	4.46
00716	Perform path profile procedures	1.46	2	4	5	5.62
00717	Perform plans file and mobility file matches	.49	2	2	3	4.52
00718	Perform predeployment reconnaissance surveys	1.10	2	5	7	5.10
00719	Perform site surveys for ground systems	1.90	7	11	17	5.00
00720	Perform source selection evaluation team (SSET) activities	.27	2	1	2	5.38
00721	Perform cover and concealment techniques for work party security	1.66	2	16	15	4.15
00722	Perform or set up site security	1.95	7	25	28	4.36
00723	Submit or process award fees	.02	2	1	2	5.50
00724	Submit or process requirement documents	.05	2	2	3	5.48
00725	Prepare equipment for deployments	2.39	15	26	30	5.04
00726	Submit or process incentive fees	.00	****	1	2	5.32
00727	Prepare sites at deployed locations, such as cutting grass or removing snow	1.54	1	12	19	2.49
00728	Process classified materials or documents at deployed	1.58	2	7	12	4.87

	locations					
00729	Provide OPLAN requirements status listings to unit commanders	.20	2	2	1	5.33

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T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
O0730	Request or distribute mobility requirements documents	.07	2	4	5	4.57
O0731	Review contract action requests (CARs)	.07	2	2	1	5.54
O0732	Review engineer change proposals (ECPs)	.27	2	2	1	5.95
O0733	Review requirement documents	.41	2	3	5	5.39
O0734	Set up or tear down shelters	3.22	12	35	38	4.13
O0735	Set up or tear down tents	2.83	5	36	39	3.39
O0736	Tear down, inspect, clean, and reassemble weapons	2.51	5	24	32	3.75
O0737	Test ground systems at deployed locations	3.12	11	20	24	4.11
O0738	Update SORTS reports	.44	2	5	8	5.12
P0739	Administer or score tests	.49	1	2	4	3.09
P0740	Brief personnel concerning training programs or matters	.71	1	2	10	3.99
P0741	Complete student entry or withdrawal forms	.34	1	3	3	3.51
P0742	Conduct formal course classroom training	.56	2	4	7	5.21
P0743	Conduct on-the-job training (OJT)	2.07	15	27	42	5.10
P0744	Counsel trainees on training progress	1.10	2	4	10	4.60
P0745	Determine training requirements	1.29	2	7	10	5.22
P0746	Develop formal course curricula, plans of instruction (POIs), or specialty training standards (STSs)	.15	2	2	3	6.40
P0747	Develop training programs, plans, or procedures	.68	2	7	10	6.24
P0748	Develop written tests	.59	2	2	3	6.08
P0749	Develop or procure training materials or aids	.68	2	4	9	5.62
P0750	Establish or maintain study reference files	.95	2	2	5	5.00
P0751	Evaluate training methods or techniques of instructors	.76	2	1	5	5.73
P0752	Evaluate effectiveness of training programs, plans, or procedures	.59	2	2	5	5.88
P0753	Evaluate progress of trainees	1.29	2	2	9	4.96
P0754	Inspect training materials or aids for operation or suitability	1.02	2	0	4	5.05
P0755	Maintain training records or files	2.24	15	18	31	4.57
P0756	Personalize lesson plans	1.22	2	1	4	4.87
P0757	Prepare job qualification standards (JQSs)	.54	2	2	9	5.64
P0758	Write training reports	.39	2	1	2	5.47
Q0759	Annotate time and attendance sheets for civilian employees	.24	1	1	1	3.68
Q0760	Assign personnel to work areas or duty positions	.59	2	1	3	4.51
Q0761	Assign sponsors for newly assigned personnel	.54	1	0	1	3.13
Q0762	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	.39	2	4	4	4.46
Q0763	Conduct self-inspections or self-assessments	1.59	2	10	16	4.58
Q0764	Conduct staff assistance visits, inspections, or audits	.56	2	1	1	5.38
Q0765	Conduct supervisory performance feedback sessions	.41	2	0	1	4.85
Q0766	Conduct safety inspections of equipment or facilities	1.61	2	9	13	4.55
Q0767	Conduct supervisory orientations for newly assigned personnel	.56	2	2	2	4.32
Q0768	Counsel subordinates concerning personal matters	.76	2	2	2	5.17

Q0769	Determine or establish logistics requirements, such as personnel, equipment, tools, parts, supplies, or workspace	.59	2	3	3	5.52
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D						
T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
Q0770	Determine or establish work assignments or priorities	1.02	2	2	3	5.16
Q0771	Develop organizational or functional charts	.49	2	2	2	4.72
Q0772	Develop resource protection programs	.20	2	2	1	5.08
Q0773	Develop self-inspection or self-assessment program checklists	.83	2	2	4	5.39
Q0774	Develop inputs to mobility, contingency, disaster preparedness, or unit emergency or alert plans	.39	2	2	3	5.10
Q0775	Develop or establish work methods or procedures	.71	2	2	6	5.65
Q0776	Develop or establish work schedules	.66	2	1	4	4.65
Q0777	Draft budget requirements	.00	****	1	1	6.72
Q0778	Draft host-tenant or interservice agreements	.00	****	1	1	6.99
Q0779	Draft supplements or changes to directives, such as policy directives, instructions, or manuals	.29	2	1	1	6.34
Q0780	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	.34	2	1	3	6.36
Q0781	Establish performance standards for subordinates	.93	2	0	2	5.12
Q0782	Establish procedures for accountability of equipment, tools, parts, or supplies	.76	2	7	11	4.78
Q0783	Evaluate inspection report findings or inspection procedures	.68	2	2	3	5.26
Q0784	Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) Program	1.85	7	7	11	5.17
Q0785	Evaluate personnel for compliance with performance standards	1.27	2	1	4	4.77
Q0786	Evaluate personnel for promotion, demotion, reclassification, or special awards	.90	2	1	2	5.11
Q0787	Evaluate maintenance or utilization of equipment, tools, parts, supplies, or workspace	1.07	2	3	7	5.10
Q0788	Implement safety or security programs	1.07	2	7	12	4.86
Q0789	Initiate personnel action requests	.51	2	1	1	4.90
Q0790	Initiate actions required due to substandard performance of personnel	.51	2	0	1	5.35
Q0791	Inspect personnel for compliance with military standards	1.07	2	8	10	4.17
Q0792	Interpret policies, directives, or procedures for subordinates	.51	2	2	4	4.91
Q0793	Investigate accidents or incidents	.44	2	0	1	5.09
Q0794	Plan layouts of facilities	.17	2	2	1	5.96
Q0795	Review budget requirements	.12	2	1	1	6.06
Q0796	Review host-tenant or interservice agreements	.12	2	1	1	6.50
Q0797	Review mobility, contingency, disaster preparedness, or unit emergency or alert plans	.66	2	1	5	5.30
Q0798	Review drafts of supplements or changes to directives, such as policy directives, instructions, or manuals	.51	2	2	3	5.47
Q0799	Schedule personnel for TDY assignments, leaves, or	.24	2	1	2	4.77

Q0800	Write inspection reports	.32	2	2	2	5.61
Q0801	Write job or position descriptions	.39	2	3	3	5.64

D						
T Tsk		TNG		1ST	1ST	TSK
Y Nbr	Task Title	EMP	ATI	JOB	ENL	DIF
Q0802	Write staff studies, surveys, or routine reports, other than training or inspection reports	.17	2	2	2	6.13
Q0803	Write or indorse civilian performance appraisals	.27	2	1	1	5.76
Q0804	Write or indorse military performance reports	.51	2	1	1	5.84
Q0805	Write recommendations for awards or decorations	.78	2	0	1	5.98
Q0806	Write replies to inspection reports	.98	2	2	1	5.39





Satellite, Wideband, And Telemetry Systems  
Reported AFSC(s): 2E1X1

----- Variable/Group Distributions -----

The percent of reported group members who use, maintain or operate various types of equipment are presented under the column headings for the appropriate group. This percent using, maintaining, or operating equipment may be valuable in determining the relevancy of training and testing on or about these types of equipment.

Reports on the following groups were requested:

gp0006: All Active Duty Airmen with DAFSC 2E1X1	(n = 937)
gp0018: All DAFSC 2E1X1 AD Amn with 1-24 Mos TAFMS	(n = 121)
gp0020: All DAFSC 2E1X1 AD Amn with 1-48 Mos TAFMS	(n = 377)
gp0007: All Active Duty Airmen with DAFSC 2E131	(n = 248)
gp0008: All Active Duty Airmen with DAFSC 2E151	(n = 465)
gp0009: All Active Duty Airmen with DAFSC 2E171	(n = 224)

V0105 Indicate which systems you use or maintain - None

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	14 %	2 %	2 %	2 %	10 %	37 %
Other:	86 %	98 %	98 %	98 %	90 %	63 %
Total in group:	937*	121*	377*	248*	465*	224*

V0106 Indicate which systems you use or maintain - Antennas

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	65 %	80 %	81 %	81 %	68 %	41 %
Other:	35 %	20 %	19 %	19 %	32 %	59 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0107 Indicate which systems you use or maintain - Computer Networks

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	22 %	19 %	20 %	23 %	21 %	23 %
Other:	78 %	81 %	80 %	77 %	79 %	77 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0108 Indicate which systems you use or maintain - Cryptographic

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	41 %	48 %	53 %	58 %	39 %	28 %
Other:	59 %	52 %	47 %	42 %	61 %	72 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0109 Indicate which systems you use or maintain - Data Collection

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	22 %	14 %	18 %	18 %	22 %	24 %
Other:	78 %	86 %	82 %	82 %	78 %	76 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0110 Indicate which systems you use or maintain - Ground Mobile Forces (GMFs)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	22 %	20 %	23 %	20 %	25 %	18 %
Other:	78 %	80 %	77 %	80 %	75 %	82 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0111 Indicate which systems you use or maintain - Instrumentation

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	17 %	31 %	23 %	22 %	17 %	9 %
Other:	83 %	69 %	77 %	78 %	83 %	91 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0112 Indicate which systems you use or maintain - Laser or Optical

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	10 %	12 %	11 %	10 %	11 %	8 %
Other:	90 %	88 %	89 %	90 %	89 %	92 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0113 Indicate which systems you use or maintain - Line Conditioning Units

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	10 %	5 %	9 %	8 %	10 %	12 %
Other:	90 %	95 %	91 %	92 %	90 %	88 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0114 Indicate which systems you use or maintain - Line of Sight Communications

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	37 %	55 %	49 %	53 %	35 %	22 %
Other:	63 %	45 %	51 %	47 %	65 %	78 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0115 Indicate which systems you use or maintain - Modems

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	60 %	79 %	77 %	78 %	62 %	37 %
Other:	40 %	21 %	23 %	22 %	38 %	63 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0116 Indicate which systems you use or maintain - Multiplexers

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	62 %	83 %	79 %	83 %	62 %	39 %
Other:	38 %	17 %	21 %	17 %	38 %	61 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0117 Indicate which systems you use or maintain - Radios

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	42 %	51 %	53 %	54 %	41 %	29 %
Other:	58 %	49 %	47 %	46 %	59 %	71 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0118 Indicate which systems you use or maintain - Satellite Communications

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	62 %	79 %	75 %	76 %	65 %	42 %
Other:	38 %	21 %	25 %	24 %	35 %	58 %
Total in group:	937*	121*	377*	248*	465*	224*





## V0119 Indicate which systems you use or maintain - Satellite Meteorology

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	1 %	1 %	2 %	3 %	2 %
Other:	98 %	99 %	99 %	98 %	97 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0120 Indicate which systems you use or maintain - Satellite Navigation

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	1 %	2 %	2 %	2 %	2 %
Other:	98 %	99 %	98 %	98 %	98 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0121 Indicate which systems you use or maintain - Satellite Surveillance

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	1 %	1 %	2 %	2 %	1 %	1 %
Other:	99 %	99 %	98 %	98 %	99 %	99 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0122 Indicate which systems you use or maintain - Telemetry

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	16 %	26 %	21 %	20 %	17 %	9 %
Other:	84 %	74 %	79 %	80 %	83 %	91 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0123 Indicate which systems you use or maintain - Timing

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	42 %	49 %	51 %	53 %	45 %	26 %
Other:	58 %	51 %	49 %	47 %	55 %	74 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0124 Indicate which systems you use or maintain - Tracking

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	33 %	43 %	45 %	45 %	34 %	19 %
Other:	67 %	57 %	55 %	55 %	66 %	81 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0125 Indicate which systems you use or maintain - Troposphere Communications

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	24 %	41 %	36 %	40 %	23 %	9 %
Other:	76 %	59 %	64 %	60 %	77 %	91 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0126 Indicate which systems you use or maintain - Other

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	12 %	10 %	13 %	9 %	14 %	13 %
Other:	88 %	90 %	87 %	91 %	86 %	88 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0127 Test equip use or operate - None

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	15 %	1 %	2 %	2 %	10 %	38 %
Other:	85 %	99 %	98 %	98 %	90 %	62 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0128 Test equip use or operate - Analyzers, Data

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	17 %	14 %	17 %	19 %	16 %	18 %
Other:	83 %	86 %	83 %	81 %	84 %	82 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0129 Test equip use or operate - Analyzers, Distortion

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	8 %	8 %	11 %	11 %	9 %	4 %
Other:	92 %	92 %	89 %	89 %	91 %	96 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0130 Test equip use or operate - Analyzers, Logic State

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	5 %	3 %	3 %	3 %	0 %
Other:	98 %	95 %	97 %	97 %	97 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0131 Test equip use or operate - Analyzers, Microwave Link

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	7 %	7 %	8 %	9 %	7 %	5 %
Other:	93 %	93 %	92 %	91 %	93 %	95 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0132 Test equip use or operate - Analyzers, Network

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	11 %	6 %	11 %	10 %	13 %	8 %
Other:	89 %	94 %	89 %	90 %	87 %	92 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0133 Test equip use or operate - Analyzers, Sideband

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	5 %	4 %	3 %	3 %	0 %
Other:	98 %	95 %	96 %	97 %	97 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0134 Test equip use or operate - Analyzers, Signature

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	1 %	1 %	1 %	1 %	1 %	0 %
Other:	99 %	99 %	99 %	99 %	99 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*





## V0135 Test equip use or operate - Analyzers, Spectrum

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	67 %	83 %	80 %	82 %	72 %	41 %
Other:	33 %	17 %	20 %	18 %	28 %	59 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0136 Test equip use or operate - Atomic Oscillators

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	9 %	18 %	14 %	16 %	9 %	4 %
Other:	91 %	82 %	86 %	84 %	91 %	96 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0137 Test equip use or operate - Attenuators, Decibel (Db)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	50 %	60 %	60 %	63 %	51 %	33 %
Other:	50 %	40 %	40 %	38 %	49 %	67 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0138 Test equip use or operate - Attenuators, Fixed

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	59 %	63 %	70 %	70 %	63 %	38 %
Other:	41 %	37 %	30 %	30 %	37 %	63 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0139 Test equip use or operate - Attenuators, Variable

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	57 %	71 %	73 %	75 %	60 %	33 %
Other:	43 %	29 %	27 %	25 %	40 %	67 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0140 Test equip use or operate - Audio Oscillators

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	16 %	19 %	16 %	16 %	15 %	17 %
Other:	84 %	81 %	84 %	84 %	85 %	83 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0141 Test equip use or operate - Boxes, Capacitance Substitution

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	2 %	1 %	1 %	2 %	2 %
Other:	98 %	98 %	99 %	99 %	98 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0142 Test equip use or operate - Boxes, Resistance Substitution

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	3 %	3 %	3 %	3 %	2 %	3 %
Other:	97 %	97 %	97 %	97 %	98 %	97 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0143 Test equip use or operate - Break Out Boxes (BOBs)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	14 %	8 %	13 %	12 %	15 %	14 %
Other:	86 %	92 %	87 %	88 %	85 %	86 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0144 Test equip use or operate - Built-In Test Equipment

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	63 %	79 %	79 %	82 %	65 %	38 %
Other:	37 %	21 %	21 %	18 %	35 %	62 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0145 Test equip use or operate - Calibrators, Direct Current (DC)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	7 %	8 %	11 %	12 %	5 %	3 %
Other:	93 %	92 %	89 %	88 %	95 %	97 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0146 Test equip use or operate - Calibrators, other than DC

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	4 %	4 %	7 %	7 %	4 %	2 %
Other:	96 %	96 %	93 %	93 %	96 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0147 Test equip use or operate - Calibrators, Heat Source

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	2 %	2 %	2 %	2 %	1 %
Other:	98 %	98 %	98 %	98 %	98 %	99 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0148 Test equip use or operate - Calipers

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	5 %	5 %	5 %	3 %	6 %	3 %
Other:	95 %	95 %	95 %	97 %	94 %	97 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0149 Test equip use or operate - Checkers, Capacitor

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	4 %	2 %	3 %	3 %	5 %	3 %
Other:	96 %	98 %	97 %	97 %	95 %	97 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0150 Test equip use or operate - Combined Maintenance Bench Sets (CMBSS)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	3 %	9 %	7 %	6 %	3 %	1 %
Other:	97 %	91 %	93 %	94 %	97 %	99 %
Total in group:	937*	121*	377*	248*	465*	224*





## V0151 Test equip use or operate - Counters, Error

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	28 %	35 %	33 %	35 %	30 %	15 %
Other:	72 %	65 %	67 %	65 %	70 %	85 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0152 Test equip use or operate - Counters, Frequency

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	57 %	64 %	69 %	73 %	58 %	34 %
Other:	43 %	36 %	31 %	27 %	42 %	66 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0153 Test equip use or operate - Crystal Detectors

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	12 %	5 %	11 %	10 %	13 %	10 %
Other:	88 %	95 %	89 %	90 %	87 %	90 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0154 Test equip use or operate - Digital Logic Clips

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	2 %	3 %	3 %	3 %	1 %
Other:	98 %	98 %	97 %	97 %	97 %	99 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0155 Test equip use or operate - Digital Logic Comparators

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	2 %	4 %	3 %	3 %	0 %
Other:	98 %	98 %	96 %	97 %	97 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0156 Test equip use or operate - Directional Couplers

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	29 %	32 %	37 %	37 %	30 %	17 %
Other:	71 %	68 %	63 %	63 %	70 %	83 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0157 Test equip use or operate - Dummy Loads

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	60 %	73 %	73 %	75 %	63 %	37 %
Other:	40 %	27 %	27 %	25 %	37 %	63 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0158 Test equip use or operate - Frequency Measuring Sets

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	29 %	29 %	35 %	33 %	31 %	19 %
Other:	71 %	71 %	65 %	67 %	69 %	81 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0159 Test equip use or operate - Generators, Audio Signal

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	22 %	28 %	27 %	27 %	22 %	18 %
Other:	78 %	72 %	73 %	73 %	78 %	82 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0160 Test equip use or operate - Generators, Function

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	21 %	32 %	27 %	29 %	20 %	14 %
Other:	79 %	68 %	73 %	71 %	80 %	86 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0161 Test equip use or operate - Generators, Noise

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	27 %	41 %	43 %	44 %	28 %	8 %
Other:	73 %	59 %	57 %	56 %	72 %	92 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0162 Test equip use or operate - Generators, Pattern

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	9 %	17 %	14 %	14 %	8 %	4 %
Other:	91 %	83 %	86 %	86 %	92 %	96 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0163 Test equip use or operate - Generators, Radio Frequency (RF) Signal

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	48 %	57 %	55 %	57 %	51 %	31 %
Other:	52 %	43 %	45 %	43 %	49 %	69 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0164 Test equip use or operate - Generators, Serial Data

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	4 %	4 %	6 %	5 %	4 %	3 %
Other:	96 %	96 %	94 %	95 %	96 %	97 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0165 Test equip use or operate - Generators, Signal

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	45 %	51 %	59 %	56 %	48 %	24 %
Other:	55 %	49 %	41 %	44 %	52 %	76 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0166 Test equip use or operate - Generators, Superhigh Frequency (SHF)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	19 %	21 %	22 %	21 %	20 %	14 %
Other:	81 %	79 %	78 %	79 %	80 %	86 %
Total in group:	937*	121*	377*	248*	465*	224*





## V0167 Test equip use or operate - Generators, Sweep

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	25 %	33 %	31 %	31 %	25 %	17 %
Other:	75 %	67 %	69 %	69 %	75 %	83 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0168 Test equip use or operate - Generators, Synchronization

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	3 %	3 %	3 %	2 %	1 %
Other:	98 %	97 %	97 %	97 %	98 %	99 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0169 Test equip use or operate - Generators, Time Code

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	14 %	9 %	15 %	15 %	15 %	12 %
Other:	86 %	91 %	85 %	85 %	85 %	88 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0170 Test equip use or operate - Generators, Time Code Translators

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	7 %	2 %	7 %	7 %	7 %	8 %
Other:	93 %	98 %	93 %	93 %	93 %	92 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0171 Test equip use or operate - Generators, Ultrahigh Frequency

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	6 %	9 %	9 %	8 %	6 %	2 %
Other:	94 %	91 %	91 %	92 %	94 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0172 Test equip use or operate - Global Positioning Systems (GPSs)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	35 %	31 %	35 %	32 %	42 %	26 %
Other:	65 %	69 %	65 %	68 %	58 %	74 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0173 Test equip use or operate - Kineto Tracking Mounts (KTMs)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	1 %	1 %	1 %	0 %	1 %	0 %
Other:	99 %	99 %	99 %	100 %	99 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0174 Test equip use or operate - Laptop or Notebook Computers

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	40 %	40 %	40 %	37 %	43 %	38 %
Other:	60 %	60 %	60 %	63 %	57 %	62 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0175 Test equip use or operate - Megaohmmeters

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	11 %	7 %	11 %	9 %	11 %	13 %
Other:	89 %	93 %	89 %	91 %	89 %	88 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0176 Test equip use or operate - Meters, Audio Distortion

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	2 %	4 %	3 %	2 %	1 %
Other:	98 %	98 %	96 %	97 %	98 %	99 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0177 Test equip use or operate - Meters, Capacitance or Induction

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	9 %	7 %	13 %	12 %	9 %	4 %
Other:	91 %	93 %	87 %	88 %	91 %	96 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0178 Test equip use or operate - Meters, Db

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	25 %	24 %	32 %	31 %	28 %	13 %
Other:	75 %	76 %	68 %	69 %	72 %	87 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0179 Test equip use or operate - Meters, Fiber-Optic

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	21 %	15 %	21 %	20 %	23 %	17 %
Other:	79 %	85 %	79 %	80 %	77 %	83 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0180 Test equip use or operate - Meters, Flutter

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	1 %	0 %	1 %	1 %	1 %	2 %
Other:	99 %	100 %	99 %	99 %	99 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0181 Test equip use or operate - Meters, Jitter

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	2 %	2 %	2 %	2 %	2 %
Other:	98 %	98 %	98 %	98 %	98 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0182 Test equip use or operate - Meters, Modulation or Deviation

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	5 %	5 %	5 %	4 %	6 %	4 %
Other:	95 %	95 %	95 %	96 %	94 %	96 %
Total in group:	937*	121*	377*	248*	465*	224*





## V0183 Test equip use or operate - Meters, Noise Figure

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	12 %	12 %	17 %	17 %	13 %	5 %
Other:	88 %	88 %	83 %	83 %	87 %	95 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0184 Test equip use or operate - Meters, Power

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	56 %	60 %	64 %	65 %	60 %	38 %
Other:	44 %	40 %	36 %	35 %	40 %	63 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0185 Test equip use or operate - Meters, Vacuum

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	1 %	2 %	2 %	2 %	2 %	0 %
Other:	99 %	98 %	98 %	98 %	98 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0186 Test equip use or operate - Meters, Variable Standing Wave Ratio (VSWR)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	14 %	17 %	19 %	15 %	14 %	11 %
Other:	86 %	83 %	81 %	85 %	86 %	89 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0187 Test equip use or operate - Microohmmeters

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	8 %	9 %	11 %	9 %	9 %	5 %
Other:	92 %	91 %	89 %	91 %	91 %	95 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0188 Test equip use or operate - Monitors, Modulation

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	4 %	9 %	8 %	9 %	4 %	0 %
Other:	96 %	91 %	92 %	91 %	96 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0189 Test equip use or operate - Monitors, Waveform

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	8 %	9 %	11 %	12 %	8 %	3 %
Other:	92 %	91 %	89 %	88 %	92 %	97 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0190 Test equip use or operate - Multimeters, Analog

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	42 %	55 %	54 %	54 %	44 %	27 %
Other:	58 %	45 %	46 %	46 %	56 %	73 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0191 Test equip use or operate - Multimeters, Digital

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	75 %	87 %	87 %	89 %	79 %	50 %
Other:	25 %	13 %	13 %	11 %	21 %	50 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0192 Test equip use or operate - Noise Combiners

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	4 %	5 %	8 %	6 %	5 %	1 %
Other:	96 %	95 %	92 %	94 %	95 %	99 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0193 Test equip use or operate - Optical Time Domain Reflectometers (OTDRs)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	9 %	6 %	8 %	6 %	11 %	10 %
Other:	91 %	94 %	92 %	94 %	89 %	90 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0194 Test equip use or operate - Oscilloscopes

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	67 %	80 %	80 %	82 %	71 %	43 %
Other:	33 %	20 %	20 %	18 %	29 %	57 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0195 Test equip use or operate - Pad Limiters

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	15 %	13 %	22 %	22 %	17 %	4 %
Other:	85 %	87 %	78 %	78 %	83 %	96 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0196 Test equip use or operate - Power Heads

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	20 %	9 %	15 %	13 %	25 %	16 %
Other:	80 %	91 %	85 %	87 %	75 %	84 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0197 Test equip use or operate - Power Supplies, DC

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	45 %	50 %	55 %	56 %	46 %	30 %
Other:	55 %	50 %	45 %	44 %	54 %	70 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0198 Test equip use or operate - Power Supplies, Variable

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	30 %	31 %	36 %	38 %	30 %	21 %
Other:	70 %	69 %	64 %	62 %	70 %	79 %
Total in group:	937*	121*	377*	248*	465*	224*





## V0199 Test equip use or operate - Pressure Gauges

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	14 %	16 %	18 %	16 %	15 %	11 %
Other:	86 %	84 %	82 %	84 %	85 %	89 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0200 Test equip use or operate - Probes, Digital Logic

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	14 %	23 %	23 %	25 %	12 %	7 %
Other:	86 %	77 %	77 %	75 %	88 %	93 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0201 Test equip use or operate - Probes, High Voltage

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	31 %	37 %	40 %	41 %	31 %	19 %
Other:	69 %	63 %	60 %	59 %	69 %	81 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0202 Test equip use or operate - Probes, Network

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	4 %	2 %	4 %	4 %	3 %	3 %
Other:	96 %	98 %	96 %	96 %	97 %	97 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0203 Test equip use or operate - Probes, RF

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	21 %	30 %	28 %	31 %	20 %	13 %
Other:	79 %	70 %	72 %	69 %	80 %	87 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0204 Test equip use or operate - Probes, Thermal

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	5 %	4 %	6 %	5 %	6 %	2 %
Other:	95 %	96 %	94 %	95 %	94 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0205 Test equip use or operate - Satellite Simulators

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	24 %	24 %	31 %	30 %	25 %	14 %
Other:	76 %	76 %	69 %	70 %	75 %	86 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0206 Test equip use or operate - Strip Chart Recorders

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	5 %	7 %	5 %	4 %	5 %	6 %
Other:	95 %	93 %	95 %	96 %	95 %	94 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0207 Test equip use or operate - Tension Gauges

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	2 %	3 %	3 %	2 %	1 %
Other:	98 %	98 %	97 %	97 %	98 %	99 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0208 Test equip use or operate - Test Sets, Antenna Control

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	11 %	11 %	19 %	17 %	11 %	2 %
Other:	89 %	89 %	81 %	83 %	89 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0209 Test equip use or operate - Test Sets, Bit Error Rate

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	47 %	60 %	59 %	62 %	49 %	25 %
Other:	53 %	40 %	41 %	38 %	51 %	75 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0210 Test equip use or operate - Test Sets, Control

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	3 %	3 %	7 %	5 %	4 %	0 %
Other:	97 %	97 %	93 %	95 %	96 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0211 Test equip use or operate - Test Sets, Digital Data

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	11 %	7 %	12 %	11 %	12 %	8 %
Other:	89 %	93 %	88 %	89 %	88 %	92 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0212 Test equip use or operate - Test Sets, DualCommSec(COMSEC)Switching Units

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	3 %	4 %	4 %	3 %	0 %
Other:	98 %	97 %	96 %	96 %	97 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0213 Test equip use or operate - Test Sets, Dual Modem

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	3 %	3 %	6 %	4 %	4 %	0 %
Other:	97 %	97 %	94 %	96 %	96 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0214 Test equip use or operate - Test Sets, Eb/No

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	17 %	12 %	20 %	17 %	21 %	8 %
Other:	83 %	88 %	80 %	83 %	79 %	92 %
Total in group:	937*	121*	377*	248*	465*	224*





## V0215 Test equip use or operate - Test Sets, Explosive Circuit

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	1 %	1 %	2 %	2 %	1 %	0 %
Other:	99 %	99 %	98 %	98 %	99 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0216 Test equip use or operate - Test Sets, Fiber-Optic

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	20 %	22 %	26 %	25 %	23 %	9 %
Other:	80 %	78 %	74 %	75 %	77 %	91 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0217 Test equip use or operate - Test Sets, Frequency Response

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	4 %	5 %	6 %	5 %	5 %	2 %
Other:	96 %	95 %	94 %	95 %	95 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0218 Test equip use or operate - Test Sets, High Power Amplifier (HPA)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	16 %	26 %	24 %	25 %	18 %	4 %
Other:	84 %	74 %	76 %	75 %	82 %	96 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0219 Test equip use or operate - Test Sets, HPA Power Supply

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	15 %	24 %	24 %	24 %	15 %	3 %
Other:	85 %	76 %	76 %	76 %	85 %	97 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0220 Test equip use or operate - Test Sets, Insulation

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	2 %	3 %	2 %	2 %	0 %
Other:	98 %	98 %	97 %	98 %	98 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0221 Test equip use or operate - Test Sets, Loop

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	13 %	24 %	21 %	22 %	13 %	3 %
Other:	87 %	76 %	79 %	78 %	87 %	97 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0222 Test equip use or operate - Test Sets, Message Processor (MPTS)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	1 %	0 %	2 %	1 %	2 %	0 %
Other:	99 %	100 %	98 %	99 %	98 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0223 Test equip use or operate - Test Sets, Narrow Band

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	4 %	4 %	4 %	2 %	0 %
Other:	98 %	96 %	96 %	96 %	98 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0224 Test equip use or operate - Test Sets, Power Supply, other than HPA

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	6 %	10 %	10 %	10 %	7 %	1 %
Other:	94 %	90 %	90 %	90 %	93 %	99 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0225 Test equip use or operate - Test Sets, Receiver or Transmitter

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	9 %	11 %	11 %	13 %	9 %	4 %
Other:	91 %	89 %	89 %	87 %	91 %	96 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0226 Test equip use or operate - Test Sets, Synchronizer

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	3 %	7 %	5 %	5 %	2 %	0 %
Other:	97 %	93 %	95 %	95 %	98 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0227 Test equip use or operate - Test Sets, Telephone

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	12 %	7 %	13 %	13 %	13 %	9 %
Other:	88 %	93 %	87 %	88 %	87 %	91 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0228 Test equip use or operate - Test Sets, Teletype

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	2 %	4 %	2 %	3 %	0 %
Other:	98 %	98 %	96 %	98 %	97 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0229 Test equip use or operate - Test Sets, Wideband

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	10 %	13 %	16 %	18 %	8 %	3 %
Other:	90 %	87 %	84 %	82 %	92 %	97 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0230 Test equip use or operate - Testers, Circuit Board

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	4 %	3 %	7 %	6 %	4 %	1 %
Other:	96 %	97 %	93 %	94 %	96 %	99 %
Total in group:	937*	121*	377*	248*	465*	224*





## V0231 Test equip use or operate - Testers, Digital Diagnostic

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	1 %	2 %	2 %	2 %	2 %	0 %
Other:	99 %	98 %	98 %	98 %	98 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0232 Test equip use or operate - Testers, Logic

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	3 %	4 %	4 %	4 %	3 %	0 %
Other:	97 %	96 %	96 %	96 %	97 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0233 Test equip use or operate - Testers, Semiconductor

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	1 %	3 %	3 %	2 %	0 %
Other:	98 %	99 %	97 %	97 %	98 %	100 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0234 Test equip use or operate - Time Domain Reflectometers (TDRs)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	9 %	6 %	9 %	9 %	9 %	9 %
Other:	91 %	94 %	91 %	91 %	91 %	91 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0235 Test equip use or operate - Torque Wrenches

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	44 %	43 %	54 %	52 %	49 %	25 %
Other:	56 %	57 %	46 %	48 %	51 %	75 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0236 Test equip use or operate - Vacuum Pumps

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	2 %	2 %	2 %	2 %	2 %
Other:	98 %	98 %	98 %	98 %	98 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0237 Test equip use or operate - Vibragrounds

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	28 %	36 %	38 %	38 %	31 %	13 %
Other:	72 %	64 %	62 %	63 %	69 %	87 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0238 Test equip use or operate - Voltmeters, Frequency Selective

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	22 %	32 %	34 %	34 %	22 %	8 %
Other:	78 %	68 %	66 %	66 %	78 %	92 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0239 Test equip use or operate - Voltmeters, Root Mean Square (RMS)

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	18 %	23 %	24 %	27 %	17 %	13 %
Other:	82 %	77 %	76 %	73 %	83 %	87 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0240 Test equip use or operate - Voltmeters, Vacuum Tube

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	2 %	5 %	4 %	4 %	2 %	1 %
Other:	98 %	95 %	96 %	96 %	98 %	99 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0241 Test equip use or operate - Wattmeters

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	26 %	28 %	31 %	31 %	29 %	14 %
Other:	74 %	72 %	69 %	69 %	71 %	86 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0242 Test equip use or operate - Waveguide Couplers or Adapters

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	35 %	50 %	50 %	54 %	33 %	17 %
Other:	65 %	50 %	50 %	46 %	67 %	83 %
Total in group:	937*	121*	377*	248*	465*	224*



## V0243 Test equip use or operate - Wavemeters

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	3 %	3 %	6 %	4 %	3 %	2 %
Other:	97 %	97 %	94 %	96 %	97 %	98 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0244 Test equip use or operate - X-Y Recorders or Plotters

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	6 %	4 %	5 %	4 %	7 %	4 %
Other:	94 %	96 %	95 %	96 %	93 %	96 %
Total in group:	937*	121*	377*	248*	465*	224*

## V0245 Test equip use or operate - Other

	TOTAL AD SAMPLE EQUIPMENT	FIRST JOB EQUIPMENT	FIRST ENLISTMENT EQUIPMENT	3-SKILL LEVEL EQUIPMENT	5-SKILL LEVEL EQUIPMENT	7-SKILL LEVEL EQUIPMENT
Interval Percentages	gp0006	gp0018	gp0020	gp0007	gp0008	gp0009
Yes	6 %	5 %	8 %	8 %	5 %	5 %
Other:	94 %	95 %	92 %	92 %	95 %	95 %
Total in group:	937*	121*	377*	248*	465*	224*





## Report Option Table for Modules

Option	Status
Primary Sort	Inventory Sequence
Secondary Sort	Not Used
Print Suppress	Not Used

## Report Option Table for Tasks

Option	Status
Primary Sort	Inventory Sequence
Secondary Sort	Not Used
Print Suppress	Not Used

## Description of Reported Module Factors

Col	Factor	Source vector	Title	Number Members	----- Mean	Based on All Tasks Within Range S.D.	Max	Min	----- Valid
1	TITLE		Module Statement						

## Description of Reported Task Factors

1	TITLE		Task Statement						
2	F0066	TF0002/RMN	2E1X1 Training Emphasis Ratings	41	1.75	1.29	6.41	.00	806
3	F0020	GP0020/PMP	All DAFSC 2E1X1 AD Amn with 1-48 Mos TAFMS	377	18.84	17.47	86.74	.53	806
4	F0048	GP0048/PMP	All DAFSC 2E1X1 AD Amn in USAFE with 1-48 Mos TAFMS	53	23.84	20.57	94.34	.00	806
5	F0049	GP0049/PMP	All DAFSC 2E1X1 AD Amn in PACAF with 1-48 Mos TAFMS	56	18.14	18.72	89.29	.00	806
6	F0052	GP0052/PMP	All DAFSC 2E1X1 AD Amn in ACC with 1-48 Mos TAFMS	169	20.17	19.06	88.76	.00	806
7	F0053	GP0053/PMP	All DAFSC 2E1X1 AD Amn in AMC with 1-48 Mos TAFMS	33	15.57	16.95	90.91	.00	806
8	F0054	GP0054/PMP	All DAFSC 2E1X1 AD Amn in AFMC with 1-48 Mos TAFMS	19	5.66	11.19	84.21	.00	806
9	F0055	GP0055/PMP	All DAFSC 2E1X1 AD Amn in AFSPC with 1-48 Mos TAFMS	39	18.66	19.27	89.74	.00	806
10	F0067	TF0001/SMN	2E1X1 Task Difficulty Ratings	71	5.00	1.00	8.25	-.62	806

CTS 2E1X1, Satellite, Wideband & Telemetry Systems dated April 2000, is presented below with matched job inventory tasks and occupational survey data.

CTS items are listed below the dotted line, followed by a listing of matched tasks. Pertinent survey data are printed to the right of each task. This printout is extremely useful in identifying task differences across the various MAJCOMs. This information can be used during utilization and training workshops (U&TWs) to validate CTS content and determine appropriate training codes for CTS items. This printout can also be used to decide which tasks should be included in the CTS or be placed in MAJCOM JPGs or MAJCOM-specific training packages. In addition, tasks which were not matched to any CTS item are listed in a "Tasks Not Referenced" section at the end of the printout. For assistance in interpretation of this printout, contact AFOMS/OMYO at DSN 487-6811.

D

T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0001 CFTEP 2E1X1, SATELLITE, WIDEBAND AND TELEMETRY SYSTEMS,  
DATED 30 APRIL 2002

-----  
0002 1. GENERAL PRINCIPLES

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0003 1.1. Standard Maintenance Practices

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0004 1.1.1. Describe basic troubleshooting procedures

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0005 1.1.2. State facts relating to the theory and operation of  
local and remote loopbacks

D

T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0006 1.1.3. Locate information about AF maintenance practices  
(AFI 21-116)

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0007 1.1.4. Describe how to locate system components using  
alphanumeric designator

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0008 1.1.5. Demonstrate use of technical publications

M0650	Initiate technical order (TO) improvement reports, such as AFTO Forms 22 (Technical Order Improvement Report and Reply)	2.24	30	42	25	28	21	5	54	4.41
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M0657	Maintain TO libraries	2.27	36	40	36	38	39	5	38	4.20
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0009 1.2. Documentation

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0010 1.2.1. State facts about the purpose and use of the  
Maintenance Data Collection Systems

L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81	2.73	34	40	32	38	42	0	28	4.41
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0011 1.2.2. Input maintenance data collection information into  
automated system

L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81	2.73	34	40	32	38	42	0	28	4.41
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0012 1.2.3. State facts about the purpose and use of the  
material deficiency reporting system

N0668	Identify and report equipment or supply problems	1.56	37	49	27	37	27	32	54	4.72
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T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0013	1.2.4. State facts about the purpose and use of preventive maintenance inspection and equipment status reporting
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0014	1.2.5. Identify the procedures used to process and control material
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0015	1.2.6. Research parts information using applicable manuals
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0016	1.3. Perform power measurement calculations
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0017	1.4. Identify basic facts of the 2E1X1 career field
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0018	1.5. Identify security concerns of the 2E1X1 career field
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0019	1.6. Operational Risk Management (ORM)
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0020	1.6.1. State hazards associated with the AFSC
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0021	1.6.2. State basic facts and terms about AFOSH standards for the AFSC
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T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0022 1.6.3. Practice safety precautions during maintenance actions

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0023 1.7. Agile logistics (supply, inventory management)

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0024 1.7.1. State facts about agile logistics

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0025 1.7.2. Describe the flow of parts (depot/commercial vendor)

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0026 1.7.3. Describe the technician's role in agile logistics

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0027 1.8. Identify the purposes of equipment associated with the 2E1X1 career field

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0028 1.9. Test Range Mission - In this subject area, the student shall:

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0029 1.9.1. Identify purposes and principles of the test range mission

D

T Tsk

TNG

ALL AFE

PAC ACC

AMC FMC

SPC

TSK

Y Nbr

Task Title

EMP

1EL 1EL

1EL 1EL

1EL 1EL

1EL 1EL

DIF

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0030 1.9.1.1. Research and development

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0031 1.9.1.2. Operational test and evaluation

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0032 1.9.2. Identify purposes and principles of instrumentation  
and telemetry systems

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0033 1.9.2.1. Instrumentation System

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0034 1.9.2.2. Telemetry System

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0035 1.9.3. Identify purposes and principles of the test range

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0036 1.9.3.1. Range Commander's Council

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0037 1.9.3.2. Applicable Range Standards

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0038 1.9.3.3. Test Range Functions

D

T Tsk

Y Nbr

Task Title

TNG

EMP

ALL

1EL

AFE

1EL

PAC

1EL

ACC

1EL

AMC

1EL

FMC

1EL

SPC

1EL

TSK

DIF

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0039 1.10. Space Systems and Equipment

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0040 1.10.1. Identify principles pertaining to the Satellite  
Ground Station (SGS)

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0041 1.10.2. Identify principles pertaining to the Satellite  
Readout Station Upgrade (SRCU)

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0042 1.10.3. Identify principles pertaining to the Data  
Reduction Center

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0043 1.10.4. Identify principles pertaining to the Satellite  
Operations Center

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0044 1.10.5. Identify principles pertaining to the AN/MSQ-118  
System

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0045 1.10.6. Identify principles pertaining to the Simplified  
Processing Station Replacement (SRS/U)

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0046 1.10.7. Identify principles pertaining to the MARK IVB  
Meteorological Data Station (MDS)



D

T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0047	1.10.8. Identify principles pertaining to the Global Positioning System (GPS)									
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0048	2. TEST EQUIPMENT									
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0049	2.1. Know the purpose of selected types of equipment used in the 2E1X1 career field									
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0050	2.2. Know the principles, capabilities, and limitations of the test equipment listed in Note 2									
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0051	2.3. Operate the test equipment listed in Note 2									
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0052	3. DIGITAL MULTIPLEXER EQUIPMENT									
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0053	3.1. Identify principles, capabilities, and limitations of time division multiplexing equipment									
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0054	3.2. Perform an operational check of a time division multiplexer									
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H0315	Perform PMIs on multiplexers and demultiplexers	4.90	57	72	66	59	73	0	33	4.90
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D												
T Tsk			TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title		EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
0055	3.3. Configure a time division multiplexer for operation											
J0523	Configure multiplexers or demultiplexers	5.68	59	75	73	64	58	5	31		4.79	
0056	3.4. Troubleshoot and repair a time division multiplexer											
H0353	Troubleshoot or repair multiplexers or demultiplexers	3.88	51	64	59	53	70	5	28		6.22	
0057	4. MODULATION EQUIPMENT											
0058	4.1. Identify principles, capabilities, and limitations of modulation											
0059	4.1.1. Spread Spectrum Multiple Access (SSMA) digital modem											
0060	4.1.2. Time Division Multiple Access (TDMA) digital modem											
0061	4.1.3. Demand Access Multiple Assigned (DAMA) digital modem											
0062	4.2. Perform an operational check on a Digital MODEM											
H0314	Perform PMIs on modems	4.76	54	68	63	57	55	0	38		4.67	

D

T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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 0063 4.3. Troubleshoot and repair a digital MODEM

H0351	Troubleshoot or repair modems	4.51	56	66	63	60	55	11	41	6.28
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0064 5. FREQUENCY GENERATION AND CONVERSION EQUIPMENT

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 0065 5.1. Identify principles, capabilities, and limitations of frequency conversion and generation equipment

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 0066 5.2. Perform an operational check of a SHF tactical satellite equipment frequency standard

I0417	Perform PMIs on frequency standards	2.39	20	26	29	18	9	0	28	4.51
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0067 5.3. Perform an operational check on an upconverter

E0179	Perform PMIs on up-converters	5.17	60	77	66	69	52	0	33	4.63
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0068 5.4. Configure an upconverter

J0519	Configure down-converters or up-converters	5.61	53	75	61	62	30	0	26	4.39
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0069 5.5. Troubleshoot and repair an upconverter

E0201	Troubleshoot or repair up-converters	5.12	55	60	68	62	55	0	31	6.17
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0070 5.6. Perform operational checks on a downconverter

D0145	Perform PMIs on down-converters	5.20	66	72	84	74	58	0	44	4.54
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T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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 0071 5.7. Configure a downconverter

J0519	Configure down-converters or up-converters	5.61	53	75	61	62	30	0	26	4.39
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0072 5.8. Troubleshoot and repair a downconverter

D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	51	60	63	55	48	0	38	6.20
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0073 5.9. Identify principles, capabilities, and limitations of a low noise amplifier (LNA)

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 0074 5.10. Perform an operational check on an LNA

D0144	Perform PMIs on amplifiers	4.29	60	66	68	63	48	11	62	4.58
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0075 5.11. Troubleshoot and repair an LNA

D0161	Troubleshoot or repair amplifiers	3.83	43	45	48	46	33	26	41	6.21
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0076 6. Identify principles, capabilities, and limitations of satellite tracking systems

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 0077 7. TIMING AND SYNCHRONIZATION

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 0078 7.1. Identify principles, capabilities, and limitations of timing and synchronization

D	T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title		EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0079 7.2. Troubleshoot and repair timing synchronization equipment

I0488	Troubleshoot or repair frequency standards	2.59	18	25	21	17	15	0	26	6.26
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0080 8. LINE-OF-SIGHT (LOS) SYSTEMS

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0081 8.1. Identify principles, capabilities, and limitations of LOS systems

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0082 8.2. Perform operational checks on a digital line of sight (LOS) radio

D0161	Troubleshoot or repair amplifiers	3.83	43	45	48	46	33	26	41	6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	51	60	63	55	48	0	38	6.20
D0168	Troubleshoot or repair receivers	3.73	41	42	34	48	33	11	49	6.25
E0178	Perform PMIs on transmitters	4.66	47	57	45	54	45	0	36	4.96
E0200	Troubleshoot or repair transmitters	4.63	38	38	41	45	36	11	28	6.40
E0201	Troubleshoot or repair up-converters	5.12	55	60	68	62	55	0	31	6.17

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0083 8.3. Troubleshoot and repair a digital LOS radio

D0161	Troubleshoot or repair amplifiers	3.83	43	45	48	46	33	26	41	6.21
D0162	Troubleshoot or repair detectors or discriminators	1.90	13	21	7	14	12	0	15	6.26
D0163	Troubleshoot or repair digital receivers	3.15	24	25	20	26	12	5	41	6.43
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	51	60	63	55	48	0	38	6.20
D0168	Troubleshoot or repair receivers	3.73	41	42	34	48	33	11	49	6.25
E0197	Troubleshoot or repair power amplifier monitoring systems	2.95	24	26	27	30	15	0	13	6.05
E0198	Troubleshoot or repair power monitors	2.49	20	30	25	21	6	0	15	6.14
E0199	Troubleshoot or repair transmit-gain circuits	2.83	20	26	29	23	6	0	10	6.17
E0200	Troubleshoot or repair transmitters	4.63	38	38	41	45	36	11	28	6.40
E0201	Troubleshoot or repair up-converters	5.12	55	60	68	62	55	0	31	6.17

D

T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0084 9. DEPLOYABLE TROPOSPHERIC SCATTER SYSTEMS

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0085 9.1. Identify principles, capabilities, and limitations of  
a TRC-170 Tropospheric Scatter radio system

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0086 9.2. Perform an operational check of AN/TRC-170  
Tropospheric Scatter digital multiplexer equipment

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H0315	Perform PMIs on multiplexers and demultiplexers	4.90	57	72	66	59	73	0	33	4.90
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0087 9.3. Configure an AN/TRC-170 Tropospheric Scatter digital  
multiplexer

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J0523	Configure multiplexers or demultiplexers	5.68	59	75	73	64	58	5	31	4.79
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0088 9.4. Perform an operational check of a AN/TRC-170  
Tropospheric Scatter equipment modem

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H0314	Perform PMIs on modems	4.76	54	68	63	57	55	0	38	4.67
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0089 9.5. Configure an AN/TRC-170 Tropospheric Scatter equipment  
modem

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J0522	Configure modems	6.00	58	75	68	62	39	5	46	4.60
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0090 9.6. Perform an operational check of a TRX-170 Tropospheric  
equipment radio subsystem

D0161	Troubleshoot or repair amplifiers	3.83	43	45	48	46	33	26	41	6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	51	60	63	55	48	0	38	6.20
D0168	Troubleshoot or repair receivers	3.73	41	42	34	48	33	11	49	6.25
E0178	Perform PMIs on transmitters	4.66	47	57	45	54	45	0	36	4.96

D	T Tsk	TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF
E0200	Troubleshoot or repair transmitters	4.63	38	38	41	45	36	11	28	6.40
E0201	Troubleshoot or repair up-converters	5.12	55	60	68	62	55	0	31	6.17
-----										
0091	9.7. Configure an AN/TRC-170 Tropospheric Scatter equipment radio subsystem									
J0519	Configure down-converters or up-converters	5.61	53	75	61	62	30	0	26	4.39
-----										
0092	9.8. Identify principles and capabilities of control orderwires									
J0529	Establish orderwire contacts	5.27	44	70	38	55	33	0	13	5.33
-----										
0093	9.9. Configure the AN/TRC-170 patch panels for operation									
J0524	Configure patch panels	5.80	58	68	66	64	39	16	56	4.99
-----										
0094	9.10. Identify principles and capabilities of power distribution									
-----										
0095	9.11. Identify principles and capabilities of system monitoring									
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0096	9.12. Perform system testing of AN/TRC-170 Tropospheric Scatter equipment									
J0538	Perform bit error rate tests	4.76	51	58	57	53	64	0	44	4.90
-----										
0097	9.13. Troubleshoot the AN/TRC-170 Tropospheric Scatter radio set									
D0161	Troubleshoot or repair amplifiers	3.83	43	45	48	46	33	26	41	6.21
D0162	Troubleshoot or repair detectors or discriminators	1.90	13	21	7	14	12	0	15	6.26
D0163	Troubleshoot or repair digital receivers	3.15	24	25	20	26	12	5	41	6.43

D	T Tsk	TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	51	60	63	55	48	0	38	6.20
D0168	Troubleshoot or repair receivers	3.73	41	42	34	48	33	11	49	6.25
E0197	Troubleshoot or repair power amplifier monitoring systems	2.95	24	26	27	30	15	0	13	6.05
E0198	Troubleshoot or repair power monitors	2.49	20	30	25	21	6	0	15	6.14
E0199	Troubleshoot or repair transmit-gain circuits	2.83	20	26	29	23	6	0	10	6.17
E0200	Troubleshoot or repair transmitters	4.63	38	38	41	45	36	11	28	6.40
E0201	Troubleshoot or repair up-converters	5.12	55	60	68	62	55	0	31	6.17
-----										
0098	9.14. Monitor circuit link quality on the AN/TRC-170 Tropospheric Scatter radio equipment									
J0538	Perform bit error rate tests	4.76	51	58	57	53	64	0	44	4.90
J0546	Perform noise figure tests	2.59	34	42	25	46	30	5	10	5.77
J0547	Perform noise-to-power ratio (NPR) tests	1.59	10	9	11	11	6	0	13	5.79
J0551	Perform receive signal level (RSL) checks	4.10	47	53	45	51	58	0	38	4.27
J0552	Perform RF level checks	3.59	39	38	39	41	42	5	41	4.38
-----										
0099	9.15. Perform an operational check of the TRC-170 Tropospheric Scatter equipment communications link									
J0567	Verify operational readiness with ground network or distant terminals	2.85	18	30	14	18	15	0	21	4.44
-----										
0100	9.16. Configure an AN/TRC-170 Tropospheric Scatter equipment system to establish a communications link									
J0528	Establish communications links	5.41	52	72	48	58	39	5	36	6.05
-----										
0101	10. DEPLOYABLE SHF SATELLITE SYSTEMS									
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0102	10.1. Identify principles of operations of SHF satellite systems									



D	T Tsk	TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF
0103	10.2. Perform an operational check of SHF tactical satellite equipment digital multiplexer									
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	57	72	66	59	73	0	33	4.90
0104	10.3. Configure a SHF tactical satellite equipment digital multiplexer									
J0523	Configure multiplexers or demultiplexers	5.68	59	75	73	64	58	5	31	4.79
0105	10.4. Perform an operational check of a SHF tactical satellite equipment modem									
H0314	Perform PMIs on modems	4.76	54	68	63	57	55	0	38	4.67
0106	10.5. Configure a SHF tactical satellite equipment modem									
J0522	Configure modems	6.00	58	75	68	62	39	5	46	4.60
0107	10.6. Perform an operational check of a SHF tactical satellite equipment radio subsystem									
D0161	Troubleshoot or repair amplifiers	3.83	43	45	48	46	33	26	41	6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	51	60	63	55	48	0	38	6.20
D0168	Troubleshoot or repair receivers	3.73	41	42	34	48	33	11	49	6.25
E0178	Perform PMIs on transmitters	4.66	47	57	45	54	45	0	36	4.96
E0200	Troubleshoot or repair transmitters	4.63	38	38	41	45	36	11	28	6.40
E0201	Troubleshoot or repair up-converters	5.12	55	60	68	62	55	0	31	6.17
0108	10.7. Configure a SHF tactical satellite equipment radio subsystem									
J0519	Configure down-converters or up-converters	5.61	53	75	61	62	30	0	26	4.39

D		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
T Tsk		EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF
Y Nbr	Task Title									
0109	10.8. Perform an operational check of SHF tactical satellite antenna control equipment									
B0064	Perform PMIs on antenna systems	4.46	72	81	77	76	61	0	82	4.44
C0115	Operationally check tracking systems	3.95	34	45	34	33	33	5	44	4.50
0110	10.9. Troubleshoot and repair SHF tactical satellite antenna control equipment									
B0088	Troubleshoot or repair antenna controls	3.90	48	47	48	53	45	0	64	5.42
C0134	Troubleshoot or repair tracking systems	3.41	35	34	45	33	36	5	49	6.28
0111	10.10. Identify principles and capabilities of control orderwires									
J0529	Establish orderwire contacts	5.27	44	70	38	55	33	0	13	5.33
0112	10.11. Identify principles and capabilities of power distribution									
0113	10.12. Identify principles and capabilities of system monitoring									
0114	10.13. Perform system testing of SHF tactical satellite equipment									
J0528	Establish communications links	5.41	52	72	48	58	39	5	36	6.05
0115	10.14. Troubleshoot and repair a SHF tactical satellite equipment system									
D0161	Troubleshoot or repair amplifiers	3.83	43	45	48	46	33	26	41	6.21
D0162	Troubleshoot or repair detectors or discriminators	1.90	13	21	7	14	12	0	15	6.26

D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
D0163	Troubleshoot or repair digital receivers	3.15	24	25	20	26	12	5	41	6.43	
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	51	60	63	55	48	0	38	6.20	
D0168	Troubleshoot or repair receivers	3.73	41	42	34	48	33	11	49	6.25	
E0197	Troubleshoot or repair power amplifier monitoring systems	2.95	24	26	27	30	15	0	13	6.05	
E0198	Troubleshoot or repair power monitors	2.49	20	30	25	21	6	0	15	6.14	
E0199	Troubleshoot or repair transmit-gain circuits	2.83	20	26	29	23	6	0	10	6.17	
E0200	Troubleshoot or repair transmitters	4.63	38	38	41	45	36	11	28	6.40	
E0201	Troubleshoot or repair up-converters	5.12	55	60	68	62	55	0	31	6.17	
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0116	10.15. Monitor circuit link quality on SHF tactical satellite equipment										
J0538	Perform bit error rate tests	4.76	51	58	57	53	64	0	44	4.90	
J0546	Perform noise figure tests	2.59	34	42	25	46	30	5	10	5.77	
J0547	Perform noise-to-power ratio (NPR) tests	1.59	10	9	11	11	6	0	13	5.79	
J0551	Perform receive signal level (RSL) checks	4.10	47	53	45	51	58	0	38	4.27	
J0552	Perform RF level checks	3.59	39	38	39	41	42	5	41	4.38	
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0117	10.16. Acquire and track a satellite using SHF tactical satellite equipment										
J0516	Configure antenna tracking systems	3.49	29	42	25	31	18	0	41	4.53	
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0118	10.17. Perform an operational check of a SHF tactical satellite equipment communications link										
J0567	Verify operational readiness with ground network or distant terminals	2.85	18	30	14	18	15	0	21	4.44	
-----											
0119	10.18. Configure a SHF tactical satellite equipment system to establish a communications link										
J0528	Establish communications links	5.41	52	72	48	58	39	5	36	6.05	
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0120	11. ANCILLARY EQUIPMENT										

D	T Tsk	TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF
0121	11.1. Perform an operational check on cryptographic equipment									
H0306	Operationally check cryptographic equipment	3.78	33	38	27	35	42	0	36	4.47
0122	11.2. Configure a TROPO Satellite Support Radio (TSSO) to establish a communications link									
J0528	Establish communications links	5.41	52	72	48	58	39	5	36	6.05
0123	11.3. Configure a TD-1234 Remote Multiplexer Combiner (RMC)									
J0523	Configure multiplexers or demultiplexers	5.68	59	75	73	64	58	5	31	4.79
0124	12. DEPLOYABLE MULTIBAND SYSTEMS									
0125	12.1. Identify principles, capabilities, and limitations of operations of multi-band systems									
0126	12.2. Perform an operational check of digital multiplexer equipment									
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	57	72	66	59	73	0	33	4.90
0127	12.3. Configure a digital multiplexer									
J0523	Configure multiplexers or demultiplexers	5.68	59	75	73	64	58	5	31	4.79

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T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

0128	12.4. Perform an operational check of an equipment modem									
J0538	Perform bit error rate tests	4.76	51	58	57	53	64	0	44	4.90
0129	12.5. Configure an equipment modem									
J0522	Configure modems	6.00	58	75	68	62	39	5	46	4.60
0130	12.6. Perform an operational check of an equipment radio subsystem									
D0161	Troubleshoot or repair amplifiers	3.83	43	45	48	46	33	26	41	6.21
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	51	60	63	55	48	0	38	6.20
D0168	Troubleshoot or repair receivers	3.73	41	42	34	48	33	11	49	6.25
E0178	Perform PMIs on transmitters	4.66	47	57	45	54	45	0	36	4.96
E0200	Troubleshoot or repair transmitters	4.63	38	38	41	45	36	11	28	6.40
E0201	Troubleshoot or repair up-converters	5.12	55	60	68	62	55	0	31	6.17
0131	12.7. Configure the equipment radio sub-system									
J0519	Configure down-converters or up-converters	5.61	53	75	61	62	30	0	26	4.39
0132	12.8. Identify principles and capabilities of control orderwires									
J0529	Establish orderwire contacts	5.27	44	70	38	55	33	0	13	5.33
0133	12.9. Configure the patch panels for operation									
J0524	Configure patch panels	5.80	58	68	66	64	39	16	56	4.99

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T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0134	12.10. Identify principles and capabilities of power distribution									
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0135	12.11. Identify principles and capabilities of system monitoring									
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0136	12.12. Identify principles and capabilities of antenna control system									
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J0516	Configure antenna tracking systems	3.49	29	42	25	31	18	0	41	4.53
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0137	13. NETWORK BANDWIDTH MANAGEMENT EQUIPMENT									
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0138	13.1. Identify principles, capabilities, and limitations of Integrated Digital Network Exchange (IDNX) equipment									
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0139	13.2. Perform operational check and configuration IDNX equipment									
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H0287	Adjust hubbing or multiparty equipment	.83	5	8	4	7	3	0	0	5.50
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	57	72	66	59	73	0	33	4.90

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0140	14. NETWORK TRANSPORT INFRASTRUCTURE									
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D

T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0141 14.1. Identify principles, capabilities, and limitations of  
the following network configurations

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0142 14.1.1. Network topologies (Star, Ring, Bus, etc.)

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0143 14.1.2. Network types (LAN, WAN, VPN)

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0144 14.2. Identify principles, capabilities, and limitations of  
the following information transport devices:

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0145 14.2.1. Routers

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0146 14.2.2. Hubs (Concentrators)

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0147 14.2.3. Bridges

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0148 14.2.4. Gateways

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0149 14.2.5. Switches:

D

T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0150	14.2.5.1. Circuit switching									
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0151	14.2.5.2. Message switching									
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0152	14.2.5.3. Packet switching									
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0153	14.2.5.4. Asynchronous transfer mode (ATM)									
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0154	15. STANDARD INSTALLATION PRACTICES									
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0155	15.1. State facts related to standard installation practices									
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0156	15.2. Describe the importance of cable labeling and installation documentation									
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0157	15.3. Describe wire color coding standards									
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0158	15.4. Describe fiber optics installation concepts									
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T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0159 15.5. Describe the concepts of:

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0160 15.5.1. Grounding

A0015	Install equipment grounds	4.51	65	83	55	72	42	53	54	3.10
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0161 15.5.2. Bonding

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0162 15.5.3. Shielding

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0163 15.6. Identify procedures to construct and terminate cables  
with the following connectors:

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0164 15.6.1. Multi-pin

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0165 15.6.2. Modular

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0166 15.6.3. Coaxial

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0167 16. TRANSMISSION MEASUREMENT

D

T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF

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0168 16.1. Perform cable transmission line measurements

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J0560	Perform transmission line loss measurements	1.93	11	21	4	12	15	0	8	4.97
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0169 17. Identify general principles of Satellite Access  
Request (SAR) procedures and processes

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J0565	Submit satellite access requests	1.85	21	36	23	22	27	0	8	5.08
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0170 Tasks not referenced

A0001	Adjust cable assemblies or internal wiring	1.78	51	53	48	54	36	42	51	2.10
A0002	Adjust circuit card assemblies (CCAs)	3.46	66	66	70	72	55	21	74	2.89
A0003	Adjust cross-connections	1.22	18	28	20	14	30	5	15	2.62
A0004	Adjust equipment grounds	2.83	66	75	66	70	52	47	59	1.70
A0005	Adjust user-calibrated test equipment	3.59	38	40	36	41	18	53	38	4.37
A0006	Adjust equipment safety devices	3.44	32	40	30	35	12	26	33	2.84
A0007	Fabricate or repair equipment cables	3.66	69	85	57	66	70	68	72	5.39
A0008	Inspect flight hardware	.12	5	2	5	8	0	0	3	5.03
A0009	Inspect flight safety wire	.17	6	4	5	10	0	0	5	4.11
A0010	Inspect waveguide switching networks	1.83	26	38	34	25	21	0	23	4.88
A0011	Inspect waveguides	4.15	64	77	57	72	52	0	64	3.65
A0012	Install cable assemblies or internal wiring	3.29	48	55	45	49	33	42	54	4.04
A0013	Install communications equipment	4.41	60	77	68	60	55	16	51	5.60
A0014	Install cross-connections	1.83	15	23	14	14	24	11	10	4.39
A0016	Operationally check system or test equipment	6.41	74	81	70	73	73	68	79	5.23
A0017	Perform corrosion control	4.07	79	94	79	77	85	47	85	1.74
A0018	Perform end-to-end check-outs	5.93	47	60	50	38	52	68	41	5.95
A0019	Perform equipment cannibalization activities	1.34	41	43	43	40	24	26	64	4.43
A0020	Perform software configurations on computer-based systems	2.49	27	42	21	18	24	21	51	5.76
A0021	Perform system diagnostics	5.27	55	68	43	51	76	32	74	5.58
A0022	Perform system power-downs	5.98	87	92	86	88	82	68	90	2.40
A0023	Perform system power-ups	5.93	86	92	86	89	79	68	87	2.46
A0024	Perform preventive maintenance inspections (PMIs) on CCAs	4.24	68	72	75	70	73	26	62	3.41
A0025	Perform PMIs on cross-connections	1.27	19	23	16	18	39	5	13	3.03
A0026	Perform PMIs on equipment grounds	3.56	53	66	54	49	61	21	67	2.46
A0027	Perform PMIs on equipment safety devices	3.46	49	58	50	47	58	16	56	2.66
A0028	Perform PMIs on cable assemblies or internal wiring	2.85	47	53	41	50	52	16	51	2.96
A0029	Reconstruct traces on circuit boards	.83	6	2	9	5	0	21	10	7.35
A0030	Remove electronic communications equipment	3.63	62	77	73	53	64	21	77	3.39
A0031	Remove or replace air filters	2.82	78	87	88	88	76	21	85	6.7



D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
A0032	Remove or replace blower motors	2.56	47	49	52	51	39	5	51	3.61	
A0033	Remove or replace cable assemblies or internal wiring	3.07	55	70	54	49	52	37	67	3.92	
A0034	Remove or replace CCAs	4.49	76	81	89	81	67	16	79	2.04	
A0035	Remove or replace circuit board soldered electronic components	2.46	32	28	29	37	18	47	31	5.86	
A0036	Remove or replace cross-connections	1.59	16	23	13	14	30	16	15	3.50	
A0037	Remove or replace equipment grounds	3.76	65	75	57	72	48	47	59	2.48	
A0038	Remove or replace light bulbs	2.34	85	83	89	83	91	84	90	-.62	
A0039	Remove or replace minor plug-in or screw-in electronic components	2.95	72	68	73	75	70	58	69	.49	
A0040	Remove or replace pumps	.66	11	19	11	8	18	5	15	3.85	
A0041	Remove or replace surface-mounted devices on circuit boards	1.78	20	32	25	15	9	42	23	5.49	
A0042	Remove or replace equipment safety devices	3.34	36	49	34	36	24	16	44	3.00	
A0043	Solder or desolder connectors or hardwire circuits	3.51	43	47	43	44	21	74	44	4.71	
A0044	Troubleshoot user-calibrated test equipment	1.85	28	23	25	28	18	53	28	5.70	
A0045	Troubleshoot or repair blower motors	1.71	31	32	38	34	27	0	28	4.61	
A0046	Troubleshoot or repair cable assemblies or internal wiring	3.73	50	51	50	49	45	47	56	5.22	
A0047	Troubleshoot or repair CCAs	2.83	49	51	54	51	61	11	44	6.00	
A0048	Troubleshoot or repair cross-connections	1.27	16	25	21	9	39	16	15	4.28	
A0049	Troubleshoot or repair equipment grounds	3.37	51	58	54	49	48	37	59	3.39	
A0050	Troubleshoot or repair light bulbs	1.63	51	51	55	49	61	26	56	.35	
A0051	Troubleshoot or repair pumps	.51	11	15	14	8	21	0	18	4.22	
A0052	Troubleshoot or repair equipment safety devices	3.46	29	38	38	24	27	11	33	3.50	
A0053	Visually inspect guidewires	2.66	45	47	55	54	18	11	36	1.51	
A0054	Visually inspect safety cables	3.32	54	51	61	63	36	5	51	1.58	
B0055	Adjust antenna status equipment	3.15	52	55	59	56	27	5	67	4.35	
B0056	Adjust dehydrators or pressurizers	1.95	26	43	38	17	27	0	44	4.81	
B0057	Adjust tuneable waveguides	1.98	17	21	25	16	15	0	15	5.79	
B0058	Assemble antenna radomes	1.02	10	11	9	9	9	0	15	5.28	
B0059	Assemble feedhorn assemblies	3.37	47	53	45	62	18	0	26	4.80	
B0060	Assemble or disassemble antennas	4.49	56	62	57	67	30	16	38	5.09	
B0061	De-ice antennas	1.88	32	38	29	33	21	0	51	3.00	
B0062	Perform waveguide insertion loss procedures	3.32	28	34	34	36	6	0	18	5.52	
B0063	Perform PMIs on antenna status equipment	3.66	54	58	54	58	45	0	74	4.43	
B0065	Perform PMIs on antennas, other than antenna systems	3.41	50	57	50	54	45	0	56	4.20	
B0066	Remove or replace antenna controls	3.15	44	49	36	51	30	0	56	4.76	
B0067	Remove or replace antenna coupler components	2.34	37	43	38	41	27	5	46	4.78	
B0068	Remove or replace antenna drive equipment	2.83	47	51	39	54	36	5	59	5.26	
B0069	Remove or replace antenna lights	2.24	41	53	45	42	18	0	64	1.63	
B0070	Remove or replace antenna radomes	.98	10	6	5	9	6	0	31	4.52	
B0071	Remove or replace antenna reflector section components	2.71	34	42	36	44	6	0	28	4.18	
B0072	Remove or replace antenna status equipment	2.59	36	42	36	38	12	5	59	4.46	
B0073	Remove or replace antenna transmission lines or related components	2.80	37	47	25	39	27	26	46	3.88	
B0074	Remove or replace antennas	2.76	46	51	38	58	21	27	33	4.56	

B0075	Remove or replace cable trench sump pumps	.24	8	19	7	5	12	0	8	4.14
B0076	Remove or replace de-icers or heaters	1.29	23	25	21	25	18	0	28	4.52
B0077	Remove or replace dehydrators or pressurizers	1.56	22	34	30	18	27	0	26	4.49

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D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
B0078	Remove or replace diplexers or duplexers	2.07	22	32	20	24	15	0	23	4.73	
B0079	Remove or replace feedhorn assemblies	3.59	46	51	43	57	27	0	36	4.49	
B0080	Remove or replace feedhorn assembly components	3.29	39	45	32	48	24	0	38	4.59	
B0081	Remove or replace filter assemblies	2.85	46	64	52	46	36	5	54	2.55	
B0082	Remove or replace multicouplers	1.59	12	19	11	12	6	5	13	3.97	
B0083	Remove or replace quick reaction antenna (QRA) components	4.54	33	58	36	41	6	0	3	4.32	
B0084	Remove or replace relays	2.46	28	34	23	27	24	26	38	4.18	
B0085	Remove or replace splitters or combiners	2.37	25	34	25	28	12	11	28	4.17	
B0086	Troubleshoot diplexers or duplexers	2.29	21	26	18	21	18	5	26	5.52	
B0087	Troubleshoot splitters or combiners	2.80	25	34	25	25	21	16	23	5.46	
B0089	Troubleshoot or repair antenna drive equipment	3.66	48	53	39	51	45	5	69	5.90	
B0090	Troubleshoot or repair antenna positioning circuits	3.59	38	43	32	43	30	0	54	6.33	
B0091	Troubleshoot or repair antenna radomes	1.22	10	11	7	8	12	0	21	5.64	
B0092	Troubleshoot or repair antenna status equipment	3.37	38	49	41	40	27	0	49	5.69	
B0093	Troubleshoot or repair antenna systems	4.20	49	58	43	53	48	5	62	5.82	
B0094	Troubleshoot or repair antenna transmission lines or related components	3.17	34	36	20	38	33	11	49	5.47	
B0095	Troubleshoot or repair antennas, other than antenna systems	3.17	31	32	27	36	21	5	41	5.34	
B0096	Troubleshoot or repair cable trench sump pumps	.07	9	23	9	5	15	0	10	5.44	
B0097	Troubleshoot or repair de-icers or heaters	1.20	21	30	20	23	18	0	23	5.48	
B0098	Troubleshoot or repair dehydrators or pressurizers	2.15	23	36	30	16	33	0	36	5.57	
B0099	Troubleshoot or repair filter assemblies	2.12	34	47	39	32	33	0	41	4.23	
B0100	Troubleshoot or repair relays	2.22	22	32	18	19	24	16	33	4.95	
B0101	Troubleshoot or repair waveguides	3.12	40	40	38	47	30	0	38	5.27	
B0102	Visually inspect antenna couplers	2.76	34	42	39	36	21	0	38	2.90	
B0103	Visually inspect antenna radomes	1.78	22	17	11	18	45	0	54	2.68	
B0104	Visually inspect antenna reflector sections	3.12	47	51	46	54	36	0	54	2.70	
B0105	Visually inspect antennas	4.02	68	68	75	74	55	11	79	2.36	
B0106	Visually inspect feedhorn assemblies	3.95	57	57	54	68	42	0	59	2.58	
B0107	Visually inspect QRAs	3.98	39	62	39	49	12	0	13	2.48	
B0108	Visually inspect waveguides	4.66	65	81	63	74	52	0	59	2.50	
C0109	Adjust antenna positioning circuits	3.27	32	38	29	37	21	0	38	5.52	
C0110	Adjust brake systems	2.12	21	25	20	20	15	11	41	5.42	
C0111	Adjust phase shifters	1.56	14	21	21	9	6	0	28	5.95	
C0112	Adjust software configuration systems	1.66	16	13	16	14	15	5	33	5.83	
C0113	Adjust tracking servo controls	3.02	32	36	36	34	21	5	36	5.87	
C0114	Adjust tracking systems	3.46	32	40	38	31	21	5	38	5.82	
C0116	Perform PMIs on software configuration systems	2.32	18	23	21	15	21	0	28	4.64	
C0117	Perform PMIs on tracking systems	3.37	36	42	38	36	42	0	49	4.37	
C0118	Remove or replace antenna tracking control drawers	2.83	29	42	29	33	15	0	26	4.15	
C0119	Remove or replace brake systems	1.90	17	23	14	12	24	5	38	5.23	
C0120	Remove or replace phase shifters	1.32	14	19	18	10	15	0	23	5.32	
C0121	Remove or replace silicon control rectifier (SCR) cabinet components	1.44	8	8	9	6	9	0	23	5.52	
C0122	Remove or replace software configuration systems	1.28	14	18	12	12	12	5	28	4.81	

C0123	Remove or replace tracking system components	2.39	25	34	30	22	12	5	38	5.25
C0124	Troubleshoot phase shifters	1.24	13	19	18	10	12	0	23	6.26
C0125	Troubleshoot or repair brake systems	1.90	18	23	14	12	24	5	49	5.92

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D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
C0126	Troubleshoot or repair interrogators	1.00	6	11	9	5	9	0	5	6.37	
C0127	Troubleshoot or repair SCR cabinets	1.59	9	9	9	6	9	0	28	6.30	
C0128	Troubleshoot or repair software configuration systems	1.83	12	15	11	10	15	0	23	6.25	
C0129	Troubleshoot or repair tracking demodulators	3.10	32	42	27	31	45	0	36	6.20	
C0130	Troubleshoot or repair tracking down-converters	4.15	45	55	43	46	55	0	44	6.14	
C0131	Troubleshoot or repair tracking receivers	3.61	38	45	30	37	45	5	56	6.17	
C0132	Troubleshoot or repair tracking servo controls	2.95	31	34	36	31	36	5	33	6.27	
C0133	Troubleshoot or repair tracking synchro controls	2.63	21	25	20	22	21	0	28	6.21	
C0135	Troubleshoot or repair transponders	1.95	12	17	13	12	12	0	10	6.22	
D0136	Adjust amplifiers	4.51	61	64	64	65	42	42	62	5.38	
D0137	Adjust automatic gain controls (AGCs)	3.76	49	55	52	57	27	5	49	5.18	
D0138	Adjust down-converters	5.41	65	75	75	75	52	0	44	4.90	
D0139	Adjust interference suppression devices	1.63	12	17	13	10	6	0	26	5.11	
D0140	Adjust mixers	2.56	25	40	23	26	15	0	28	5.09	
D0141	Adjust pre- or post-selectors	2.49	33	42	23	49	6	0	10	4.79	
D0142	Adjust receiver gain monitors	3.49	32	43	34	37	18	0	26	4.98	
D0143	Adjust receivers	4.34	48	57	50	57	24	11	44	4.98	
D0146	Perform PMIs on interference suppression devices	2.27	19	25	20	18	21	0	26	4.56	
D0147	Perform PMIs on receivers	4.29	56	64	55	63	52	0	54	4.49	
D0148	Remove or replace amplifiers	3.20	55	58	57	57	36	37	67	5.07	
D0149	Remove or replace detectors or discriminators	1.88	15	25	14	14	12	0	18	4.74	
D0150	Remove or replace down-converters	4.05	61	68	75	66	61	0	44	4.64	
D0151	Remove or replace frame sychros	1.24	11	17	13	9	6	0	21	4.47	
D0152	Remove or replace interference suppression devices	1.54	11	17	13	8	6	0	23	4.37	
D0153	Remove or replace limiters	1.80	20	32	27	19	12	11	18	4.34	
D0154	Remove or replace power divider assemblies	2.02	20	30	25	20	3	11	23	4.37	
D0155	Remove or replace pre- or post-selectors	1.90	24	32	25	33	6	0	10	4.62	
D0156	Remove or replace receive combiners	2.22	21	28	20	22	12	5	28	4.40	
D0157	Remove or replace receivers	2.95	44	47	39	49	36	5	62	4.52	
D0158	Remove or replace waveguide switching networks	2.02	25	40	36	25	15	0	18	4.88	
D0159	Troubleshoot limiters	1.41	15	26	21	15	3	5	10	6.10	
D0160	Troubleshoot power divider assemblies	1.80	18	34	20	15	15	11	18	6.18	
D0165	Troubleshoot or repair interference suppression devices	1.44	12	17	11	8	15	0	31	6.26	
D0166	Troubleshoot or repair pre- or post-selectors	1.93	25	32	20	34	12	0	8	6.04	
D0167	Troubleshoot or repair receive combiners	2.32	23	34	21	25	9	0	21	6.33	
D0169	Troubleshoot or repair waveguide switching networks	2.78	26	42	23	30	15	0	18	6.01	
E0170	Adjust automatic leveling controls (ALCs)	1.51	11	17	9	13	3	0	10	5.31	
E0171	Adjust power monitors	2.90	26	36	30	26	18	11	21	4.83	
E0172	Adjust transmit-gain circuits	3.24	27	40	36	29	18	0	18	5.18	
E0173	Adjust up-converters	4.93	58	74	66	67	48	0	31	5.24	
E0174	Adjust high-voltage power supplies	4.90	46	55	50	51	33	11	41	5.86	
E0175	Perform PMIs on ALCs	1.73	11	17	11	13	6	0	8	4.50	
E0176	Perform PMIs on cooling air circulation systems	2.12	22	26	32	20	24	0	28	4.13	
E0177	Perform PMIs on high-voltage power supplies	4.39	47	51	48	55	36	0	49	5.13	
E0180	Remove or replace cooling air circulation system components	1.49	21	23	18	24	12	0	31	4.54	



E0181	Remove or replace directional couplers	2.17	28	36	29	31	15	5	33	4.60
E0182	Remove or replace dummy loads	2.56	50	60	55	58	15	16	49	3.49
E0183	Remove or replace line-voltage regulators	1.88	14	30	14	14	3	0	13	4.43

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T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF
E0184	Remove or replace magic-T networks	.93	6	11	7	6	3	0	3	4.69
E0185	Remove or replace power combiners	1.61	16	26	23	16	9	0	13	4.60
E0186	Remove or replace power monitors	2.24	19	28	20	22	9	11	8	4.59
E0187	Remove or replace transmit-gain controls	2.05	19	26	21	24	6	0	5	4.85
E0188	Remove or replace transmitters	3.34	34	42	34	38	30	11	28	5.25
E0189	Remove or replace high-voltage power supply components	3.41	38	38	54	46	9	5	36	5.60
E0190	Troubleshoot directional couplers	2.29	24	40	25	25	15	0	23	5.98
E0191	Troubleshoot dummy loads	2.22	35	34	38	43	9	11	38	5.11
E0192	Troubleshoot magic-T networks	1.24	5	8	4	7	0	0	3	5.83
E0193	Troubleshoot power combiners	2.20	17	25	23	18	12	0	10	6.01
E0194	Troubleshoot or repair automatic leveling systems	1.83	10	17	9	12	3	0	5	6.29
E0195	Troubleshoot or repair cooling air circulation systems	1.61	18	25	21	18	9	11	21	5.82
E0196	Troubleshoot or repair line-voltage regulators	2.02	12	21	13	13	6	0	5	6.09
E0202	Troubleshoot or repair uplink waveguide switching networks	2.68	19	30	23	22	6	0	13	6.25
E0203	Troubleshoot or repair high-voltage power supplies	4.32	45	49	48	51	30	5	49	6.64
F0204	Adjust electrostatic surge arrestors (ESAs)	.93	6	9	7	7	3	0	8	5.43
F0205	Adjust time distribution subsystem pre-processors (TDSPPs)	1.15	9	19	7	4	12	0	26	5.41
F0206	Configure Air Force Satellite Communications (AFSATCOM) terminal equipment	3.93	34	45	38	38	18	0	28	6.07
F0207	Operationally check automatic send and receive (ASR) units	1.76	8	17	7	8	9	0	5	4.62
F0208	Operationally check command post synchronizers	1.27	6	13	7	5	3	0	0	4.63
F0209	Operationally check communications security (COMSEC) controls	2.93	29	30	36	31	30	0	23	4.59
F0210	Operationally check dual COMSEC switching units (DCSUs)	1.71	11	17	11	14	0	0	5	4.51
F0211	Operationally check emergency action message (EAM) equipment	1.37	12	28	9	10	12	0	15	4.35
F0212	Operationally check fault indicator panels (FIPs)	1.90	30	32	29	34	27	11	26	4.00
F0213	Operationally check force synchronizers	.98	6	17	7	4	3	0	0	4.40
F0214	Operationally check line modem units (LMUs)	1.56	14	21	11	19	3	0	8	4.34
F0215	Operationally check magnetic tape memories (MTMs)	.85	8	15	9	8	0	0	8	4.16
F0216	Operationally check message processor controls	.95	6	15	5	3	9	5	5	4.41
F0217	Operationally check message processor units (MPUs)	1.24	6	15	5	6	6	5	0	4.49
F0218	Operationally check radio frequency (RF) controls	2.68	37	40	41	44	12	11	38	4.49
F0219	Operationally check receiver-transmitter (RT) controls	2.83	32	40	21	40	12	11	28	4.50
F0220	Operationally check remote interface units (RIUs)	1.66	19	28	16	24	6	11	10	4.65
F0221	Operationally check status display units (SDUs)	1.66	21	25	21	23	12	11	23	4.53
F0222	Operationally check supervisory status panels (SSPs)	1.32	6	11	7	6	0	0	3	4.64
F0223	Operationally check time standard modulators (TSMs)	1.56	14	17	9	12	12	5	28	4.30
F0224	Perform emergency MPU bypass procedures	1.29	3	6	4	2	3	0	3	5.61
F0225	Perform PMIs on ESAs	1.51	5	9	5	4	0	0	8	4.48
F0226	Perform PMIs on LMUs	1.88	7	9	7	10	0	0	5	4.56
F0227	Perform PMIs on TDSPPs	2.02	10	15	5	8	15	0	21	4.49
F0228	Perform PMIs on TSMs	2.12	12	15	7	10	21	0	26	4.40

F0229	Remove or replace ASR units	1.15	4	9	5	4	0	0	0	4.68
F0230	Remove or replace central processing units (CPUs)	1.20	14	21	9	12	15	11	23	4.89
F0231	Remove or replace command post synchronizers	1.07	4	6	5	5	3	0	0	4.94

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D												
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC		TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL		DIF	
F0232	Remove or replace COMSEC controls	1.88	15	11	18	19	9	0	10		4.94	
F0233	Remove or replace DCSUs	1.66	11	15	13	16	0	0	3		4.65	
F0234	Remove or replace digital interface units (DIUs)	1.02	8	11	5	9	3	5	10		4.72	
F0235	Remove or replace ESAs	1.02	5	9	5	4	3	0	8		4.52	
F0236	Remove or replace force synchronizers	1.07	3	8	5	3	0	0	0		4.62	
F0237	Remove or replace LMUs	1.27	6	6	5	8	0	0	5		4.64	
F0238	Remove or replace message processor controls	.95	5	8	5	5	9	0	3		4.91	
F0239	Remove or replace MTMs	.76	3	8	5	2	0	0	0		4.60	
F0240	Remove or replace RF controls	2.12	19	25	16	22	6	0	18		4.76	
F0241	Remove or replace RIUs	.95	4	9	5	5	0	0	0		4.75	
F0242	Remove or replace RT controls	1.51	9	13	5	11	6	0	10		4.73	
F0243	Remove or replace SDUs	1.07	5	9	4	4	0	0	8		4.83	
F0244	Remove or replace SSPs	1.00	2	4	4	2	0	0	0		4.70	
F0245	Remove or replace TDSPPs	1.29	7	11	4	5	15	0	15		4.60	
F0246	Remove or replace TSMS	1.51	11	13	5	9	15	0	28		4.54	
F0247	Schedule satellite users	.90	6	4	5	7	3	0	8		5.25	
F0248	Troubleshoot AFSATCOM systems to identify faulty units	3.07	23	34	23	26	9	0	18		6.49	
F0249	Troubleshoot or repair ASR units	1.12	3	6	4	5	0	0	0		6.00	
F0250	Troubleshoot or repair command post synchronizers	.73	4	6	4	4	3	0	3		6.11	
F0251	Troubleshoot or repair COMSEC controls	1.41	10	11	9	14	6	0	5		6.04	
F0252	Troubleshoot or repair CPUs	1.10	9	11	4	11	6	0	15		6.47	
F0253	Troubleshoot or repair DCSUs	1.98	10	13	11	13	3	0	3		6.24	
F0254	Troubleshoot or repair DIUs	.98	4	6	4	4	9	0	3		6.32	
F0255	Troubleshoot or repair EAM equipment	1.07	7	13	5	7	6	0	8		6.13	
F0256	Troubleshoot or repair ESAs	.93	3	6	4	4	0	0	5		6.23	
F0257	Troubleshoot or repair FIPs	.95	4	6	4	4	3	0	3		6.17	
F0258	Troubleshoot or repair force synchronizers	1.24	2	4	2	4	0	0	0		6.20	
F0259	Troubleshoot or repair LMUs	1.20	5	8	4	8	0	0	0		6.28	
F0260	Troubleshoot or repair message processor controls	.83	5	8	4	5	9	0	3		6.15	
F0261	Troubleshoot or repair MTMs	.71	3	6	5	3	0	0	0		6.31	
F0262	Troubleshoot or repair RF controls	2.46	24	21	23	31	9	0	28		6.14	
F0263	Troubleshoot or repair RIUs	1.10	5	9	4	5	6	0	0		6.13	
F0264	Troubleshoot or repair RT controls	1.51	10	15	7	11	12	0	13		6.15	
F0265	Troubleshoot or repair SDUs	1.07	4	8	4	4	6	0	3		6.23	
F0266	Troubleshoot or repair selective message routers (SMRs)	.63	3	2	4	6	0	0	0		6.24	
F0267	Troubleshoot or repair SSPs	.95	3	4	7	2	0	0	0		6.14	
F0268	Troubleshoot or repair TDSPPs	1.24	9	11	5	8	15	0	15		6.15	
F0269	Troubleshoot or repair TSMS	1.37	10	11	5	9	15	0	23		6.05	
G0270	Brief crew members or passengers on emergency procedures	.66	14	9	11	17	6	16	21		3.79	
G0271	Conduct aircrew mission briefings	.00	2	2	2	2	3	0	0		3.85	
G0272	Coordinate correction of aircraft discrepancies or malfunctions with aircraft commander or job control	.00	2	0	2	2	3	0	0		4.70	
G0273	Inspect life support equipment	.78	6	4	11	7	3	0	0		4.40	
G0274	Inspect ramp areas for foreign object damage (FOD)	.66	5	4	2	8	0	0	5		2.11	

G0275	Monitor radio communication transmissions	1.54	14	6	16	19	18	0	5	2.89
G0276	Perform aircrew safety observer procedures	.41	2	2	2	4	3	0	0	3.57
G0277	Perform post-flight equipment checkouts	.61	4	2	2	7	0	0	3	4.92

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D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
G0278	Perform pre-flight equipment checkouts	.51	5	4	2	9	0	0	3	5.01	
G0279	Secure equipment for takeoff or landing	.39	4	2	2	6	3	5	3	3.77	
G0280	Write or update flight manuals, safety and operational supplements, or flight crew checklists	.00	2	0	4	3	0	0	0	5.99	
H0281	Adjust amplitude or delay equalizers	1.49	11	13	13	12	6	0	8	5.47	
H0282	Adjust bit synchronizers	1.02	13	8	7	17	3	0	31	5.23	
H0283	Adjust Ear-and-Mouth (E-and-M) signaling and control circuits	.98	10	19	9	8	18	0	5	5.10	
H0284	Adjust echo suppressors	1.17	10	21	11	12	0	0	3	5.35	
H0285	Adjust fiber-optic receivers or transmitters	1.68	12	26	13	11	9	0	10	5.61	
H0286	Adjust four way/four wire bridges	1.20	6	11	9	5	9	0	0	5.37	
H0288	Adjust in-band signaling and control circuits	1.27	8	11	5	9	12	0	5	5.30	
H0289	Adjust level converters	1.63	19	23	18	22	12	0	18	5.02	
H0290	Adjust level regulators	1.15	9	13	9	9	12	5	5	4.97	
H0291	Adjust line isolation assemblies or battery isolation relay assemblies	1.17	6	8	5	7	6	0	5	5.26	
H0292	Adjust modems	4.39	53	62	57	60	48	16	31	5.19	
H0293	Adjust modulators or demodulators	4.46	47	58	54	53	45	5	31	5.34	
H0294	Adjust multiplexers or demultiplexers	4.73	51	64	61	56	64	5	23	5.33	
H0295	Adjust out-of-band signaling and control circuits	1.20	11	17	7	14	12	0	5	5.48	
H0296	Adjust power supplies	4.22	42	47	39	49	36	26	33	4.89	
H0297	Adjust shift keying modems	1.59	23	30	27	27	15	0	15	5.30	
H0298	Adjust two wire/four wire conversion and termination circuits	1.05	15	28	7	18	24	0	0	5.04	
H0299	Adjust word selectors	.66	2	2	4	3	0	0	0	5.21	
H0300	Configure cryptographic equipment	3.49	36	42	25	38	48	0	36	4.95	
H0301	Configure echo suppressors	1.44	10	19	4	14	0	0	3	4.91	
H0302	Configure encoders or decoders	1.27	17	19	16	20	9	0	18	5.05	
H0303	Operate bit synchronizers	1.41	18	25	7	17	9	0	41	4.40	
H0304	Operate modulators or demodulators	4.34	49	66	52	52	36	5	46	4.36	
H0305	Operate word selectors	.51	2	4	5	1	3	0	0	4.33	
H0307	Perform modem bit error rate tests	4.90	45	64	46	47	45	0	36	4.72	
H0308	Perform modem link characterization tests	3.17	16	34	25	14	12	0	5	5.69	
H0309	Perform PMIs on bit synchronizers	1.49	12	17	9	10	15	0	28	4.58	
H0310	Perform PMIs on modulators or demodulators	3.80	43	58	54	43	48	0	31	4.54	
H0311	Perform PMIs on word selectors	.80	4	8	5	4	6	0	3	4.68	
H0312	Perform PMIs on encoders or decoders	1.59	16	23	9	17	12	0	23	4.70	
H0313	Perform PMIs on four way/four wire bridges	1.05	7	13	9	7	12	0	3	4.60	
H0316	Remove or replace amplitude or delay equalizers	1.12	8	17	7	9	6	0	3	4.80	
H0317	Remove or replace bit synchronizers	1.22	11	8	5	11	3	0	33	4.65	
H0318	Remove or replace computer interface equipment	1.78	11	19	5	10	15	5	18	4.83	
H0319	Remove or replace cryptographic equipment	2.46	30	32	18	34	36	0	38	4.33	
H0320	Remove or replace E-and-M signaling and control circuits	1.12	8	15	5	8	15	0	3	4.73	
H0321	Remove or replace echo suppressors	1.37	8	17	4	10	9	0	3	4.49	
H0322	Remove or replace encoders or decoders	1.27	14	15	9	17	12	0	23	4.55	
H0323	Remove or replace fiber-optic receivers or transmitters	2.54	14	28	8	11	12	5	22	4.68	

transmitters

H0324	Remove or replace four way/four wire bridges	1.02	7	13	7	7	12	5	3	4.53
H0325	Remove or replace frequency generators	1.95	21	30	16	23	18	5	21	4.36

D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
H0326	Remove or replace hubbing or multiparty equipment	.98	5	8	5	6	6	0	3	4.84	
H0327	Remove or replace in-band signaling and control circuits	.59	7	8	5	9	3	0	5	4.73	
H0328	Remove or replace level converters	1.44	19	21	14	24	6	0	26	4.38	
H0329	Remove or replace level inverters	1.24	10	8	11	13	6	0	8	4.63	
H0330	Remove or replace line or battery isolation relay assemblies	1.02	7	6	7	9	3	11	3	4.67	
H0331	Remove or replace modems	4.02	56	64	57	60	61	16	49	4.30	
H0332	Remove or replace modulators or demodulators	3.63	46	55	46	49	58	11	38	4.36	
H0333	Remove or replace multiplexers or demultiplexers	3.10	49	60	48	52	64	11	31	4.33	
H0334	Remove or replace out-of-band signaling and control circuits	.88	7	8	7	8	12	0	3	4.43	
H0335	Remove or replace power supplies	3.83	58	58	55	60	58	53	64	4.32	
H0336	Remove or replace series or parallel converters	1.12	10	11	5	9	12	11	13	4.60	
H0337	Remove or replace two wire/four wire conversion and termination circuits	.80	8	15	5	8	15	0	3	4.53	
H0338	Remove or replace word selectors	.56	2	2	4	4	0	0	0	4.54	
H0339	Troubleshoot or repair amplitude or delay equalizers	1.32	7	11	5	8	6	0	3	5.88	
H0340	Troubleshoot or repair bit synchronizers	1.37	10	9	5	11	3	0	28	5.99	
H0341	Troubleshoot or repair computer interface equipment	1.66	8	17	5	7	6	0	8	6.11	
H0342	Troubleshoot or repair E-and-M signaling and control circuits	1.12	6	13	5	5	12	0	3	6.01	
H0343	Troubleshoot or repair echo suppressors	1.24	10	19	5	13	9	0	3	6.19	
H0344	Troubleshoot or repair encoders or decoders	.98	11	19	5	13	6	0	13	6.12	
H0345	Troubleshoot or repair four way/four wire bridges	.98	8	13	4	8	12	5	3	6.15	
H0346	Troubleshoot or repair hubbing or multiparty equipment	.98	5	8	5	7	3	0	3	6.28	
H0347	Troubleshoot or repair in-band signaling and control circuits	1.02	6	8	7	7	3	0	5	6.15	
H0348	Troubleshoot or repair level converters	1.44	18	23	13	18	15	0	31	6.05	
H0349	Troubleshoot or repair level inverters	1.05	9	9	9	11	6	0	5	6.11	
H0350	Troubleshoot or repair line or battery isolation relay assemblies	.98	6	6	7	5	12	11	3	6.07	
H0352	Troubleshoot or repair modulators or demodulators	4.22	48	57	52	51	52	11	36	6.22	
H0354	Troubleshoot or repair out-of-band signaling and control circuits	.71	7	11	5	9	6	0	3	6.34	
H0355	Troubleshoot or repair power supplies	4.10	46	51	46	46	48	21	49	6.07	
H0356	Troubleshoot or repair series or parallel converters	.85	10	13	5	11	6	5	13	6.16	
H0357	Troubleshoot or repair two wire/four wire conversion and termination circuits	.88	9	15	5	8	24	0	3	6.21	
H0358	Troubleshoot or repair word selectors	.49	2	0	4	2	3	0	0	6.10	
I0359	Adjust analog-to-digital or digital-to-analog converters	2.51	24	30	27	25	15	26	13	5.25	
I0360	Adjust automatic frequency controls (AFCs)	1.98	11	15	13	12	9	5	5	5.12	
I0361	Adjust battery charging systems	1.39	13	17	13	10	9	21	23	5.11	
I0362	Adjust built-in test equipment (BITE)	3.37	40	51	45	44	24	26	26	4.79	
I0363	Adjust carrier-level detectors	1.93	11	15	18	9	6	0	10	5.06	
I0364	Adjust closed circuit video systems (CCVSS)	.72	2	2	5	4	0	11	0	5.24	



I0365	Adjust command destruct systems	.34	3	6	4	4	0	0	0	5.30
I0366	Adjust countdown clocks	.78	5	4	5	4	0	16	5	5.15
I0367	Adjust digital recorders or printers	.90	7	6	9	4	3	16	18	4.96

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Tsk Y Nbr	Task Title	TNG EMP	ALL 1EL	AFE 1EL	PAC 1EL	ACC 1EL	AMC 1EL	FMC 1EL	SPC 1EL	TSK DIF
I0368	Adjust diversity combiners	.85	6	8	5	6	3	0	8	5.36
I0369	Adjust elapsed-time clocks	.76	4	6	4	2	3	5	10	5.20
I0370	Adjust equipment alarm circuits or automatic fault sensing and switching networks	1.88	14	26	11	11	15	5	15	5.20
I0371	Adjust facsimile equipment	.46	8	11	7	10	3	0	5	5.19
I0372	Adjust fiber-optic systems	2.02	13	30	11	12	6	0	8	5.58
I0373	Adjust frequency standards	2.68	23	28	16	25	18	0	31	5.21
I0374	Adjust hybrid bridges	1.00	3	6	4	4	6	0	0	5.22
I0375	Adjust infrared systems	.54	2	4	4	2	3	5	0	5.37
I0376	Adjust laser systems	.78	2	4	4	2	3	0	0	5.75
I0377	Adjust line conditioning equipment	1.68	7	9	7	6	15	11	3	5.32
I0378	Adjust magnetic data tape recorders	.66	5	4	4	5	0	0	10	5.39
I0379	Adjust mission console workstations	.54	5	4	5	2	3	11	15	5.28
I0380	Adjust munitions firing systems	.32	3	2	4	2	0	16	0	5.37
I0381	Adjust optical disk recorders	.51	2	4	4	2	3	0	0	5.36
I0382	Adjust optical systems	.73	3	8	2	2	6	5	0	5.44
I0383	Adjust oscillators	2.80	28	36	23	30	30	5	31	5.16
I0384	Adjust oscillograph recorders	.37	2	4	4	1	0	5	0	5.53
I0385	Adjust printers	.68	16	21	9	12	12	16	36	5.06
I0386	Adjust private branch exchange (PBX) systems or switchboard interface equipment	.68	3	4	4	2	3	0	0	5.44
I0387	Adjust signaling subsystems	1.24	4	6	4	5	3	0	3	5.49
I0388	Adjust synthesizers	2.63	21	25	18	27	9	0	18	5.00
I0389	Adjust transducers	.73	6	2	4	8	0	21	8	5.40
I0390	Adjust transmit or receive path equalizers	1.49	9	15	7	10	6	0	3	5.45
I0391	Adjust uninterruptible power supplies (UPSs)	1.80	12	15	7	13	6	5	13	5.27
I0392	Adjust general purpose power supplies	2.05	18	23	11	21	12	32	13	4.77
I0393	Calibrate transducers	.76	3	2	2	4	0	16	3	5.79
I0394	Operate computer processors	1.66	11	13	13	8	18	11	15	4.82
I0395	Perform PMIs on CCVSs	.46	2	4	4	3	0	0	0	4.56
I0396	Perform PMIs on command destruct systems	.27	4	4	4	5	3	0	0	4.54
I0397	Perform PMIs on computer processors	1.02	5	9	5	3	3	0	3	4.68
I0398	Perform PMIs on countdown clocks	.71	3	4	4	2	3	5	0	4.51
I0399	Perform PMIs on digital recorders or printers	1.10	6	6	9	2	6	5	15	4.60
I0400	Perform PMIs on elapsed-time clocks	.59	2	2	4	2	3	5	3	4.52
I0401	Perform PMIs on infrared systems	.59	2	2	4	2	0	0	0	4.53
I0402	Perform PMIs on laser systems	.59	3	2	4	3	6	5	0	4.90
I0403	Perform PMIs on magnetic data tape recorders	.83	5	4	4	3	3	0	18	4.89
I0404	Perform PMIs on mission console workstations	.59	5	4	7	2	0	5	21	4.68
I0405	Perform PMIs on munitions firing systems	.27	3	4	4	2	3	16	0	4.78
I0406	Perform PMIs on optical disk recorder	.51	2	2	4	2	3	0	0	4.62
I0407	Perform PMIs on optical systems	.66	5	15	4	1	12	5	0	4.71
I0408	Perform PMIs on oscillograph recorders	.27	2	2	4	2	3	0	0	4.66
I0409	Perform PMIs on analog-to-digital or digital-to-analog converters	2.15	19	26	20	22	12	0	18	4.47
I0410	Perform PMIs on attenuator pads	1.44	8	17	9	9	6	0	3	3.90
I0411	Perform PMIs on automatic or manual transfer units or	1.24	5	8	7	5	6	0	3	4.48

	switching panels									
I0412	Perform PMIs on BITE	2.34	31	49	36	28	33	0	23	4.08

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D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
I0413	Perform PMIs on distribution frames and associated wiring	1.29	8	15	7	5	21	0	5	4.23	
I0414	Perform PMIs on diversity combiners	1.02	6	9	5	7	6	0	5	4.60	
I0415	Perform PMIs on equipment alarm circuits or automatic fault sensing and switching networks	1.85	12	23	14	10	18	0	8	4.30	
I0416	Perform PMIs on fiber-optic systems	2.02	16	40	16	11	9	5	23	4.49	
I0418	Perform PMIs on hybrid bridges	.80	3	6	5	2	3	0	0	4.54	
I0419	Perform PMIs on hybrid term units	.80	3	6	5	2	3	0	0	4.55	
I0420	Perform PMIs on line conditioning equipment	1.05	7	11	7	6	18	0	3	4.27	
I0421	Perform PMIs on magnetic data tape recorders	.68	5	6	4	5	3	0	13	4.63	
I0422	Perform PMIs on magnetic mass storage	.68	3	2	5	4	0	0	3	4.68	
I0423	Perform PMIs on oscillators	1.83	18	25	14	20	18	0	21	4.21	
I0424	Perform PMIs on patch panels	2.22	25	28	34	22	36	11	23	3.94	
I0425	Perform PMIs on printers	.93	15	19	14	11	15	5	33	3.99	
I0426	Perform PMIs on RF combiners	1.56	18	19	30	17	9	0	18	4.41	
I0427	Perform PMIs on remote control devices	.98	9	13	13	8	9	0	8	4.06	
I0428	Perform PMIs on station batteries	1.20	11	19	13	8	18	0	13	4.25	
I0429	Perform PMIs on UPSs	1.51	18	28	25	14	21	5	15	4.14	
I0430	Remove or replace AFCs	1.00	4	8	4	4	3	0	0	4.83	
I0431	Remove or replace analog-to-digital or digital-to-analog converters	2.00	20	26	18	19	12	21	23	4.82	
I0432	Remove or replace attenuators	2.34	28	43	29	29	9	16	23	3.80	
I0433	Remove or replace automatic or manual transfer units or switching panels	1.00	7	9	13	7	3	0	8	4.76	
I0434	Remove or replace battery charging systems	1.00	11	9	14	8	9	11	18	4.97	
I0435	Remove or replace BITE	2.29	31	45	38	31	24	11	18	4.50	
I0436	Remove or replace carrier-level detectors	.95	7	9	14	7	3	0	5	4.81	
I0437	Remove or replace CCVSSs	.88	3	6	5	2	0	11	0	4.61	
I0438	Remove or replace command destruct systems	.63	4	2	7	5	3	0	0	4.75	
I0439	Remove or replace countdown clocks	.54	3	4	5	3	0	11	0	4.61	
I0440	Remove or replace digital recorders or printers	.76	7	9	4	4	6	11	23	4.63	
I0441	Remove or replace elapsed-time clocks	.51	3	4	5	2	3	5	3	4.69	
I0442	Remove or replace equipment alarm circuits or automatic fault sensing and switching networks	1.02	8	15	9	7	12	0	5	4.72	
I0443	Remove or replace fiber-optic system components	1.73	11	25	11	7	6	0	23	4.91	
I0444	Remove or replace frequency standards	2.39	16	15	16	18	12	0	21	4.85	
I0445	Remove or replace hybrid bridges	.95	3	6	2	3	3	5	0	4.75	
I0446	Remove or replace infrared systems	.68	2	0	2	2	0	5	0	5.04	
I0447	Remove or replace laser systems	.68	2	4	2	2	0	0	0	5.46	
I0448	Remove or replace line conditioning equipment	1.02	8	15	2	8	18	11	3	4.61	
I0449	Remove or replace line equalizers	.98	5	8	2	7	3	0	3	4.57	
I0450	Remove or replace magnetic data tape recorders	.83	6	4	2	6	0	5	18	4.66	
I0451	Remove or replace magnetic mass storage	.78	2	2	2	2	0	0	0	4.69	
I0452	Remove or replace mission console workstations	.54	7	4	4	4	3	21	23	4.68	
I0453	Remove or replace mixers	1.27	11	13	9	12	6	0	13	4.79	
I0454	Remove or replace munitions firing systems	.27	3	2	2	3	0	26	0	4.81	
I0455	Remove or replace optical disk recorders	.56	2	2	2	4	2	0	0	4.66	

I0456	Remove or replace optical systems	.68	3	2	2	2	6	11	0	5.10
I0457	Remove or replace oscillators	1.32	22	23	23	24	18	0	31	4.76
I0458	Remove or replace oscillograph recorders	.27	2	0	2	4	0	0	0	4.70

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T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	TSK
I0459	Remove or replace patch panels	1.93	23	28	20	22	27	11	23	5.02
I0460	Remove or replace printers	.85	16	21	5	11	18	16	49	4.09
I0461	Remove or replace remote control devices	.95	10	17	5	12	0	5	13	4.53
I0462	Remove or replace RF combiners	1.68	20	21	23	23	3	5	26	4.88
I0463	Remove or replace signaling subsystem components	.95	7	9	4	8	6	0	5	4.90
I0464	Remove or replace station batteries	.83	12	17	9	12	15	5	13	4.62
I0465	Remove or replace synthesizers	1.93	21	21	16	28	15	0	23	4.72
I0466	Remove or replace test translators	1.07	13	25	13	14	6	0	8	4.71
I0467	Remove or replace transducers	.83	7	8	2	7	3	32	5	4.75
I0468	Remove or replace UPS components	1.12	9	19	4	7	6	16	13	4.69
I0469	Remove or replace general purpose power supplies	1.85	20	21	13	21	15	32	26	4.23
I0470	Troubleshoot attenuators	1.61	19	26	13	21	12	11	23	4.61
I0471	Troubleshoot or repair AFCs	1.17	3	6	4	4	3	0	0	5.68
I0472	Troubleshoot or repair analog-to-digital or digital-to-analog converters	1.98	20	26	18	23	6	21	21	6.12
I0473	Troubleshoot or repair automatic or manual transfer units or switching panels	.98	8	9	7	8	9	11	8	6.02
I0474	Troubleshoot or repair battery charging systems	.90	10	15	7	7	18	16	15	5.71
I0475	Troubleshoot or repair BITE	2.17	27	34	32	29	21	11	15	5.72
I0476	Troubleshoot or repair carrier-level detectors	1.24	7	9	9	7	6	0	5	5.87
I0477	Troubleshoot or repair CCVSS	.59	2	0	4	2	0	5	0	6.09
I0478	Troubleshoot or repair command destruct systems	.24	3	0	4	5	0	0	0	6.11
I0479	Troubleshoot or repair computer processors	.54	6	2	5	6	6	5	8	6.45
I0480	Troubleshoot or repair countdown clocks	.44	3	0	4	5	0	5	0	6.35
I0481	Troubleshoot or repair cryptographic equipment	1.22	13	9	7	17	18	0	15	6.50
I0482	Troubleshoot or repair digital recorders or printers	.54	6	4	2	4	9	11	13	6.29
I0483	Troubleshoot or repair distribution frames and associated wiring	1.29	6	11	5	5	15	0	3	6.18
I0484	Troubleshoot or repair elapsed-time clocks	.32	2	2	2	2	0	5	5	6.14
I0485	Troubleshoot or repair equipment alarm circuits or automatic fault sensing and switching networks	1.12	10	15	5	9	12	0	13	6.15
I0486	Troubleshoot or repair facsimile equipment	.44	6	8	2	6	6	0	8	6.29
I0487	Troubleshoot or repair fiber-optic systems	1.46	14	32	13	10	9	0	23	6.37
I0489	Troubleshoot or repair hybrid bridges	.68	2	2	2	2	0	0	0	6.23
I0490	Troubleshoot or repair infrared systems	.44	2	2	2	2	0	11	0	6.46
I0491	Troubleshoot or repair laser systems	.20	2	0	2	2	0	5	0	6.77
I0492	Troubleshoot or repair line conditioning equipment components	.85	8	9	2	9	15	5	3	6.14
I0493	Troubleshoot or repair line equalizers	.68	4	2	4	6	3	0	3	6.12
I0494	Troubleshoot or repair magnetic data tape recorders	.61	5	0	4	4	3	0	18	6.42
I0495	Troubleshoot or repair magnetic mass storage	.39	2	2	4	2	0	0	3	6.47
I0496	Troubleshoot or repair mission console workstations	.49	6	4	4	4	3	5	21	6.51
I0497	Troubleshoot or repair mixers	1.12	12	13	7	15	9	0	10	5.96
I0498	Troubleshoot or repair munitions firing systems	.15	2	0	4	2	3	16	0	6.22
I0499	Troubleshoot or repair optical disk recorders	.17	2	2	2	4	0	0	0	6.45
I0500	Troubleshoot or repair optical systems	.76	3	9	2	2	6	0	0	6.61
I0501	Troubleshoot or repair oscillators	1.58	18	17	8	21	21	0	22	6.11

I0502	Troubleshoot or repair oscillograph recorders	.49	3	4	4	4	3	0	0	6.41
I0503	Troubleshoot or repair patch panels	3.00	30	36	21	33	42	11	28	5.60
I0504	Troubleshoot or repair power distribution panels	1.80	18	25	9	18	27	5	23	5.70

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D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
I0505	Troubleshoot or repair printers	.80	14	15	7	10	12	11	38	5.87	
I0506	Troubleshoot or repair remote control devices	.98	9	13	5	11	3	5	8	5.94	
I0507	Troubleshoot or repair RF combiners	1.59	18	19	20	22	6	5	18	5.96	
I0508	Troubleshoot or repair signaling subsystems	.73	7	8	5	8	9	0	8	6.16	
I0509	Troubleshoot or repair synthesizers	1.37	21	21	9	28	15	0	23	6.09	
I0510	Troubleshoot or repair test translators	.71	16	26	16	17	15	0	10	5.99	
I0511	Troubleshoot or repair transducers	.49	7	8	4	8	0	16	5	6.21	
I0512	Troubleshoot or repair UPSs	1.37	11	19	13	8	9	5	18	6.17	
I0513	Troubleshoot or repair general purpose power supplies	2.51	20	30	18	23	6	21	15	5.76	
J0514	Annotate master station or project logs	3.17	38	49	38	41	42	0	28	2.33	
J0515	Compose and transmit messages using teletype equipment	1.27	14	25	21	12	6	0	15	3.30	
J0517	Configure automatic or manual transfer units or switching panels	1.95	14	25	14	12	9	5	13	4.83	
J0518	Configure computer based data processing equipment	1.41	10	13	7	7	12	5	21	5.17	
J0520	Configure equipment for network operations	3.00	21	34	20	21	15	0	23	5.17	
J0521	Configure global positioning satellite (GPS) receivers	3.73	22	32	21	20	18	16	26	4.90	
J0525	Configure recording equipment	1.29	10	2	5	10	6	16	31	4.76	
J0526	Configure timing equipment	4.27	35	38	34	37	12	11	54	5.37	
J0527	Coordinate operational schedule changes with area controlling agencies	1.54	9	11	7	8	12	0	18	5.00	
J0530	Initiate satellite equipment reports (SERs)	2.98	28	38	48	28	18	0	18	4.43	
J0531	Monitor frequencies, such as to determine interference or equipment operation	2.63	30	36	34	32	12	5	36	4.89	
J0532	Perform post-pass procedures	1.59	5	8	0	5	3	0	8	4.69	
J0533	Perform pre-pass procedures	1.49	6	6	0	9	3	0	8	4.67	
J0534	Perform amplitude linearity tests	1.46	6	15	7	4	3	0	3	5.18	
J0535	Perform audio frequency tests	1.61	10	13	11	12	9	0	5	4.62	
J0536	Perform baseband loading procedures	1.90	9	8	9	14	0	0	3	5.07	
J0537	Perform baseband sweep procedures	2.00	14	17	14	17	3	0	13	5.23	
J0539	Perform carrier-to-receiver noise density (C/kT) checks	3.10	19	32	36	13	15	0	23	5.76	
J0540	Perform changeovers between commercial power and back up generators	2.73	28	42	18	30	30	0	28	4.63	
J0541	Perform communications circuit fault isolation procedures	4.27	33	53	34	34	30	0	26	5.69	
J0542	Perform frequency response tests	2.34	17	21	32	17	12	0	5	5.87	
J0543	Perform harmonic distortion tests	1.24	8	9	9	9	6	0	8	6.04	
J0544	Perform idle channel noise tests	1.68	10	13	13	10	12	0	3	5.46	
J0545	Perform loop-back or end-to-end tests	4.24	49	57	54	54	48	11	36	5.37	
J0548	Perform orderwire noise level tests	1.80	11	11	9	17	6	0	3	5.51	
J0549	Perform patch or test facilities alternate circuit routing procedures	2.56	13	15	14	12	24	0	10	5.34	
J0550	Perform receive link gain checks	3.02	20	30	21	21	21	0	15	5.41	
J0553	Perform satellite acquisition procedures	5.71	49	58	41	53	42	0	59	5.09	
J0554	Perform satellite network operations procedures	3.44	23	30	16	26	27	0	18	5.21	
J0555	Perform satellite tracking procedures	5.34	49	55	50	56	33	0	51	4.82	
J0556	Perform software loading procedures	2.15	18	26	11	14	18	0	41	4.55	



J0557	Perform switchovers of equipment subassemblies to redundant equipment	3.68	31	32	32	34	36	0	28	4.40
J0558	Perform terminal impedance tests	1.17	10	13	7	11	12	0	10	5.18

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D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
J0559	Perform test tone level tests	2.63	16	23	11	21	18	0	3	4.46	
J0561	Perform voltage standing wave ratio (VSWR) measurements	2.41	22	34	20	27	12	0	10	5.28	
J0562	Report satellite status to appropriate agencies	3.76	30	43	23	35	24	0	23	3.42	
J0563	Submit after-action reports	2.37	17	28	21	17	12	0	5	4.41	
J0564	Submit gateway access requests	1.15	7	13	9	7	9	0	0	4.87	
J0566	Update ephemeris sets	1.00	15	19	7	9	18	0	49	4.71	
K0568	Adjust kineto tracking mount (KTM) systems	.12	1	2	0	1	3	5	0	5.52	
K0569	Analyze test requirements to determine support such as equipment, facilities, or personnel	.56	8	9	5	9	6	5	10	5.96	
K0570	Assemble and install cable troughs	.71	10	11	7	11	0	16	3	4.03	
K0571	Assemble and install interconnects	1.61	9	13	5	11	12	0	5	4.16	
K0572	Coordinate instrumentation checkouts with other test teams	.85	8	9	2	8	9	21	5	4.84	
K0573	Coordinate project support agreements (PSAs) with appropriate agencies	.29	4	4	4	4	6	5	5	5.66	
K0574	Coordinate test directives with appropriate agencies	.15	7	15	4	8	6	5	5	5.58	
K0575	Coordinate test item or equipment preparation with technical data agencies or engineers	.15	7	6	4	8	0	16	10	5.53	
K0576	Coordinate test parameters with test directors	.39	5	8	2	5	3	11	8	5.75	
K0577	Coordinate test support with base or range agencies	.27	7	8	2	8	3	21	5	5.69	
K0578	Design or construct electronic circuits	.27	7	9	0	7	3	37	3	8.03	
K0579	Design or construct mounting devices	.27	7	9	2	7	0	32	8	7.00	
K0580	Determine power source requirements for equipment operation	.93	13	23	7	11	6	32	13	6.67	
K0581	Draft blueprints, cabling, circuit or wiring schematic diagrams	.15	6	6	2	6	9	21	8	8.25	
K0582	Draft facility layouts	.05	3	6	2	4	3	0	3	7.73	
K0583	Draft systems diagrams	.32	6	8	0	5	6	21	5	7.77	
K0584	Evaluate condition and quality of instrumentation recordings	.12	5	4	0	7	6	11	0	7.03	
K0585	Evaluate test locations	.12	5	0	5	5	0	16	0	6.58	
K0586	Evaluate test safety requirements	.44	9	9	4	9	3	26	10	6.39	
K0587	Fabricate or repair cable connectors	3.05	38	55	27	36	33	32	46	5.18	
K0588	Form and fan equipment cables	1.61	9	25	2	7	12	5	10	4.96	
K0589	Install or remove antenna systems	3.49	40	40	25	51	21	21	38	5.14	
K0590	Install or remove cable ladders	1.49	8	13	9	11	3	0	3	4.53	
K0591	Install or remove cabling between van sites	2.10	24	42	20	31	6	11	5	4.12	
K0592	Install or remove distribution frames and associated wiring	1.02	9	17	13	8	9	0	3	5.05	
K0593	Install or remove electrical conduits	1.20	12	25	5	11	15	16	10	4.62	
K0594	Install or remove fixed communications equipment	2.05	17	32	18	12	21	11	18	5.33	
K0595	Install or remove line conditioning equipment	1.24	7	15	2	6	21	0	3	5.03	
K0596	Install or remove master station grounds	1.98	15	23	11	18	9	0	5	4.77	
K0597	Install or remove power distribution systems	1.63	15	25	11	16	9	0	15	5.28	
K0598	Install or remove power generating equipment	1.71	18	23	9	22	12	11	13	5.33	
K0599	Interpret blueprints, cabling, circuit or wiring	1.85	22	22	20	21	27	22	28	6.28	

	schematic diagrams									
K0600	Interpret logic diagrams	1.59	15	23	13	14	9	16	23	6.12
K0601	Operate KTM systems	.15	1	2	0	1	0	5	0	5.23

D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
K0602	Operate range radars	.00	2	0	0	3	3	5	0	5.58	
K0603	Operationally check safe and arm devices	.46	5	8	2	4	3	11	3	5.08	
K0604	Perform information system (IS) relocation project or scheme procedures	.17	2	2	0	2	3	0	0	6.48	
K0605	Perform IS removal project or scheme procedures	.17	2	2	0	3	3	0	0	6.28	
K0606	Perform post-installation operational tests	.76	11	19	2	14	3	16	10	5.92	
K0607	Perform pre-implementation surveys	.41	4	8	0	4	3	5	3	5.93	
K0608	Perform project or scheme reviews	.15	4	4	2	5	3	5	5	6.22	
K0609	Perform site survey procedures	2.27	21	28	21	24	3	21	13	5.95	
K0610	Perform static firing of munitions or ordnance devices	.15	5	4	4	4	3	21	0	5.57	
K0611	Prepare job completion documentation	1.76	20	21	11	21	18	5	38	4.88	
K0612	Prepare post-installation documentation	1.17	10	15	4	14	3	5	8	5.07	
K0613	Prepare pre-implementation documentation	.90	9	9	4	12	3	5	8	5.16	
K0614	Prepare project or scheme review documentation	.20	4	2	2	7	3	0	5	5.47	
K0615	Prepare site for equipment installation	1.93	21	25	13	28	9	16	10	5.35	
K0616	Prepare work phase documentation	.44	7	13	2	8	3	0	10	5.64	
K0617	Set up antenna systems	4.78	43	51	38	53	12	21	36	5.54	
K0618	Set up or tear down KTM systems	.44	2	2	2	2	0	5	0	5.56	
K0619	Set up or tear down range radars	.32	2	2	0	4	0	5	0	5.61	
K0620	Site antenna systems	3.76	20	30	18	27	0	5	5	5.46	
K0621	Site KTM systems	.37	2	2	0	2	3	5	0	5.59	
L0622	Adjust daily maintenance plans to meet operational commitments	.90	15	19	5	19	9	5	21	5.35	
L0623	Analyze core automated maintenance system (CAMS), Reliability and Maintainability Information System (REMIS), Improved Maintenance Management Program (IMMP), or GO81 data	1.27	23	28	13	26	24	0	26	5.65	
L0624	Clear Red-X or hazardous conditions	.80	7	9	4	10	3	0	3	5.87	
L0625	Develop equipment inventory listings (EILs) and master PMI listings	.95	14	19	11	15	9	0	15	5.67	
L0626	Evaluate new, modified, or prototype equipment	.37	9	8	2	12	6	26	8	6.88	
L0627	Identify problem areas using deficiency, service, or status reports, such as reports of deficiency (RODs) or product quality deficiency reports (PQDRs), other than equipment or supply	1.07	13	19	7	14	9	0	26	6.15	
L0628	Initiate or annotate aircraft flight or maintenance records, such as AFTO Forms 781 (Aircrew/Mission Flight Data Document) or 349 (Maintenance Data Collection Record)-series	1.05	7	6	2	10	3	0	13	5.53	
L0629	Initiate or coordinate deficiency, service, or status reports, such as RODs or PQDRs	.95	12	21	7	10	12	0	21	5.75	
L0630	Maintain due-in-from-maintenance (DIFM) transaction reports	1.68	19	36	18	17	9	0	23	5.18	
L0631	Perform time compliance technical order (TCTO) inspections	2.46	36	51	30	37	42	0	38	5.43	
L0632	Report equipment status to appropriate agencies	2.02	33	40	28	33	33	11	40	4.10	

L0633	Retrieve CAMS, REMIS, IMMP, or GO81 listings or reports	1.59	38	45	34	42	45	0	38	4.68
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D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
L0634	Review aircraft flight or maintenance records, such as AFTO Forms 781 or 349-series	.46	6	4	0	9	0	0	8	4.91	
L0635	Review preventive maintenance schedules	2.85	43	53	41	43	55	5	44	4.08	
L0636	Update EIL and master PMI listings	1.10	23	30	25	25	12	0	18	4.58	
L0637	Update manual documents, such as AFTO Form 349 (Maintenance Data Collection Record)	2.71	26	38	23	25	21	0	38	4.34	
L0638	Update historical reports in CAMS, REMIS, IMMP, or GO81	2.27	36	42	39	41	33	0	21	4.41	
L0640	Update personnel data files in CAMS, REMIS, IMMP, or GO81	1.68	40	49	41	40	48	0	41	4.51	
L0641	Update workcenter training reports in CAMS, REMIS, IMMP, or GO81	1.37	32	40	27	34	39	0	31	4.59	
L0642	Verify accuracy of CAMS, REMIS, IMMP, or GO81 daily inputs	1.63	27	30	21	33	27	0	23	4.61	
M0643	Compile data for records, reports, logs, or trend analyses	.85	24	23	21	27	12	16	28	5.18	
M0644	Complete accident or incident reports	1.15	30	28	25	30	30	21	41	4.53	
M0645	Destroy classified materials or documents	3.15	50	58	32	50	67	21	64	3.99	
M0646	Establish or maintain automated technical order management system (ATOMS) accounts	1.07	17	19	16	21	12	5	15	4.76	
M0647	Establish or maintain accountability records for classified materials or documents	1.49	19	21	9	20	21	5	28	5.05	
M0648	Identify and report suspected security compromises	2.95	31	28	20	33	33	16	51	4.69	
M0649	Initiate classified reports, messages, or documents	1.05	15	19	13	15	12	5	23	5.30	
M0651	Initiate or maintain standby rosters or workcenter pyramid recall rosters	.71	23	25	23	23	21	0	31	3.67	
M0652	Initiate requests for temporary duty (TDY) orders	.46	8	19	5	5	9	5	13	4.39	
M0653	Inventory classified materials or documents	2.27	40	53	27	39	52	5	54	4.12	
M0654	Maintain administrative files	1.05	20	28	18	18	15	5	31	4.03	
M0655	Maintain publications libraries, other than TO libraries	1.46	23	34	25	22	18	0	28	4.01	
M0656	Maintain time compliance technical orders (TCTOs)	1.54	28	38	21	30	33	5	26	4.09	
M0658	Maintain or update status indicators, such as boards, graphs, or charts	.71	20	30	18	24	9	0	18	3.84	
M0659	Participate in TCTO meetings	.59	6	2	9	6	6	0	8	3.93	
M0660	Prepare administrative or classified materials or documents for mailing, transporting, or issue	.93	10	11	7	9	9	5	18	4.49	
M0661	Review TO changes	1.73	36	40	38	39	36	0	36	3.92	
M0662	Review TO improvement reports, such as AFTO Forms 22	1.32	23	25	21	25	15	0	31	4.28	
M0663	Write minutes of briefings, conferences, or meetings	.63	10	8	9	12	6	0	15	4.06	
N0664	Coordinate maintenance of equipment with appropriate agencies	1.22	26	40	13	25	24	5	38	4.31	
N0665	Develop equipment checklists	1.59	22	26	13	24	15	21	26	5.13	
N0666	Establish requirements for equipment, tools, parts or supplies	.80	24	42	9	25	24	11	23	5.00	
N0667	Evaluate serviceability of equipment, tools, parts, or supplies	2.54	37	53	21	38	24	21	54	4.65	

N0669	Initiate requisitions for equipment, tools, parts, or supplies	2.02	27	45	9	26	27	0	46	4.27
N0670	Inventory equipment, tools, parts, or supplies	2.88	58	68	45	55	67	37	79	3.50

D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
N0671	Issue or log turn-ins of equipment, tools, parts, or supplies	1.95	33	55	20	33	27	5	49	3.76	
N0672	Maintain documentation on items requiring periodic inspections or calibrations	1.78	30	49	14	30	33	11	36	4.06	
N0673	Maintain organizational equipment or supply records	1.76	20	32	16	21	18	5	15	4.17	
N0674	Pick up, deliver, or store equipment, tools, parts, or supplies	1.88	45	57	48	42	42	16	56	3.20	
00675	Assign personnel to mobility or contingency positions	.29	2	4	0	2	3	0	3	4.26	
00676	Brief deploying personnel	.41	3	4	0	5	0	0	3	4.22	
00677	Compile or prepare status of resources training systems (SORTSs)	.39	5	9	5	5	0	0	3	5.34	
00678	Complete operations plan (OPLAN) sourcing requirements	.32	1	2	2	1	3	0	0	5.98	
00679	Compute OPLAN requirements status listings	.37	1	2	0	2	0	0	0	5.82	
00680	Conduct contingency operation or mobility planning and execution system (COMPES) programs	.17	3	4	2	5	0	0	0	5.95	
00681	Conduct mobility or deployment site surveys	1.85	14	21	25	17	0	0	0	5.67	
00682	Configure mobile vans	2.24	29	53	27	38	6	5	0	5.54	
00683	Coordinate area port joint inspections with area port squadrons	.10	2	6	4	2	0	0	0	5.35	
00684	Coordinate deployment of personnel with other MAJCOMs or joint service commands	.17	2	2	2	2	3	0	0	5.90	
00685	Coordinate exercise sourcing requirements with functional managers	.17	2	4	2	4	0	0	0	5.74	
00686	Coordinate limited technical inspection (LTI) vehicle inspections with vehicle maintenance	.41	6	11	5	7	0	5	3	4.89	
00687	Coordinate mobility or contingency requirements with appropriate agencies	.44	3	9	4	2	0	0	0	5.71	
00688	Coordinate specific source of personnel requirements with appropriate agencies	.20	2	4	0	1	3	0	0	5.59	
00689	Determine cost factors for support agreements	.22	2	6	0	2	0	0	0	6.45	
00690	Determine specific source of personnel requirements for deployment manning documents	.32	2	2	5	2	0	0	0	6.07	
00691	Develop contingency exercise mobility (CEM) orders	.29	2	6	0	1	3	0	0	5.87	
00692	Develop cut sheets	2.24	18	34	11	21	18	0	0	6.31	
00693	Develop maintenance plans	1.00	6	9	2	7	6	0	5	6.08	
00694	Develop mobility inspection checklists	1.37	7	9	5	9	0	0	8	5.65	
00695	Dig trenches, such as around tents and shelters	1.46	20	19	20	30	3	0	3	2.00	
00696	Don or doff chemical warfare personal protective clothing	2.93	33	47	41	38	18	0	10	3.15	
00697	Draft mobility or deployment after-action reports	.83	6	13	9	5	6	0	3	4.97	
00698	Initiate or process acquisition documents, such as requests for proposals (RFPs)	.46	1	2	2	1	3	0	0	5.72	
00699	Initiate or process modification management documents (MMDs)	.46	1	2	0	1	0	0	0	6.10	
00700	Inspect cut sheets	2.85	25	45	20	30	27	0	0	5.51	
00701	Inspect launch support systems	.00	2	2	0	3	0	5	0	5.40	
00702	Inspect mobility bags or bins	1.88	28	34	27	27	15	0	12	3.20	



00703	Inspect packed or palletized mobility or contingency equipment prior to transport	2.29	20	26	20	27	9	0	5	4.52
00704	Install ground systems at deployed locations	2.83	27	42	23	36	9	0	5	3.86

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D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
00705	Load plan aircraft for deployments	.98	4	4	0	8	3	0	0	6.34	
00706	Maintain disaster preparedness checklists	1.00	12	13	9	17	6	0	8	4.18	
00707	Maintain accountability of personnel selected to fill OPLAN requirements	.29	2	0	2	4	3	0	0	4.62	
00708	Maintain base OPLAN files	.07	2	2	2	2	0	0	0	4.90	
00709	Pack or palletize mobility or contingency equipment for shipment or movement such as, airlift, road, or sealift	2.49	30	42	21	41	9	0	10	5.14	
00710	Perform camouflage procedures	2.61	34	42	36	47	12	0	3	4.29	
00711	Perform camp security	2.20	30	42	30	40	12	0	5	3.79	
00712	Perform chemical warfare agent decontamination procedures	2.66	30	43	36	38	9	0	0	4.22	
00713	Perform disease or pestilence countermeasures	1.61	12	11	11	18	6	0	0	4.35	
00714	Perform explosive ordnance reconnaissance	2.20	19	23	20	26	12	0	3	3.99	
00715	Perform pallet buildup activities	2.41	34	45	21	50	12	5	5	4.46	
00716	Perform path profile procedures	1.46	5	6	5	7	6	0	0	5.62	
00717	Perform plans file and mobility file matches	.49	3	8	2	2	0	0	3	4.52	
00718	Perform predeployment reconnaissance surveys	1.10	7	13	7	8	0	0	0	5.10	
00719	Perform site surveys for ground systems	1.90	17	26	14	22	6	0	5	5.00	
00720	Perform source selection evaluation team (SSET) activities	.27	2	4	2	3	3	0	0	5.38	
00721	Perform cover and concealment techniques for work party security	1.66	15	25	18	19	3	0	0	4.15	
00722	Perform or set up site security	1.95	28	45	34	34	9	0	5	4.36	
00723	Submit or process award fees	.02	2	2	0	3	3	0	0	5.50	
00724	Submit or process requirement documents	.05	3	8	5	2	0	0	0	5.48	
00725	Prepare equipment for deployments	2.39	30	42	34	37	9	5	8	5.04	
00726	Submit or process incentive fees	.00	2	2	0	2	0	0	0	5.32	
00727	Prepare sites at deployed locations, such as cutting grass or removing snow	1.54	19	30	25	22	9	0	3	2.49	
00728	Process classified materials or documents at deployed locations	1.59	13	17	5	19	6	0	3	4.87	
00729	Provide OPLAN requirements status listings to unit commanders	.20	1	4	2	1	0	0	0	5.33	
00730	Request or distribute mobility requirements documents	.07	5	6	4	7	3	0	0	4.57	
00731	Review contract action requests (CARs)	.07	1	0	0	2	0	0	0	5.54	
00732	Review engineer change proposals (ECPs)	.27	1	4	0	2	0	0	0	5.95	
00733	Review requirement documents	.41	5	9	9	4	0	0	0	5.39	
00734	Set up or tear down shelters	3.22	38	45	29	53	18	0	15	4.13	
00735	Set up or tear down tents	2.83	39	47	36	54	21	0	3	3.39	
00736	Tear down, inspect, clean, and reassemble weapons	2.51	32	51	34	38	9	0	10	3.75	
00737	Test ground systems at deployed locations	3.12	24	38	30	28	12	0	3	4.11	
00738	Update SORTS reports	.44	8	17	11	10	0	0	0	5.12	
P0739	Administer or score tests	.49	4	6	4	6	3	0	0	3.09	
P0740	Brief personnel concerning training programs or matters	.71	10	13	11	11	9	0	5	3.99	
P0741	Complete student entry or withdrawal forms	.34	2	5	2	4	0	0	0	3.51	

P0742	Conduct formal course classroom training	.56	7	11	9	7	9	0	0	5.21
P0743	Conduct on-the-job training (OJT)	2.07	42	62	54	38	30	16	41	5.10
P0744	Counsel trainees on training progress	1.10	10	19	7	12	6	0	8	4.60

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D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
P0745	Determine training requirements	1.29	10	11	13	12	3	0	8	5.22	
P0746	Develop formal course curricula, plans of instruction (POIs), or specialty training standards (STSSs)	.15	3	0	2	4	3	0	3	6.40	
P0747	Develop training programs, plans, or procedures	.68	10	13	11	11	3	0	8	6.24	
P0748	Develop written tests	.59	3	2	2	5	3	0	0	6.08	
P0749	Develop or procure training materials or aids	.68	9	8	7	11	3	0	18	5.62	
P0750	Establish or maintain study reference files	.95	5	8	7	5	0	0	8	5.00	
P0751	Evaluate training methods or techniques of instructors	.76	5	9	7	4	0	0	8	5.73	
P0752	Evaluate effectiveness of training programs, plans, or procedures	.59	5	8	5	5	3	0	5	5.88	
P0753	Evaluate progress of trainees	1.29	9	9	7	11	9	5	8	4.96	
P0754	Inspect training materials or aids for operation or suitability	1.02	4	0	2	6	0	0	10	5.05	
P0755	Maintain training records or files	2.24	31	34	36	32	30	0	36	4.57	
P0756	Personalize lesson plans	1.22	4	2	4	5	3	0	8	4.87	
P0757	Prepare job qualification standards (JQSs)	.54	9	6	18	9	6	0	5	5.64	
P0758	Write training reports	.39	2	2	2	4	3	0	0	5.47	
Q0759	Annotate time and attendance sheets for civilian employees	.24	1	2	0	1	0	0	0	3.68	
Q0760	Assign personnel to work areas or duty positions	.59	3	4	4	2	3	0	3	4.51	
Q0761	Assign sponsors for newly assigned personnel	.54	1	0	2	1	9	0	0	3.13	
Q0762	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	.39	4	2	2	4	6	0	10	4.46	
Q0763	Conduct self-inspections or self-assessments	1.59	16	25	14	14	18	0	26	4.58	
Q0764	Conduct staff assistance visits, inspections, or audits	.56	1	2	0	1	3	0	3	5.38	
Q0765	Conduct supervisory performance feedback sessions	.41	1	0	2	0	6	0	3	4.85	
Q0766	Conduct safety inspections of equipment or facilities	1.61	13	17	7	16	12	0	15	4.55	
Q0767	Conduct supervisory orientations for newly assigned personnel	.56	2	2	0	4	0	0	0	4.32	
Q0768	Counsel subordinates concerning personal matters	.76	3	2	0	5	3	0	0	5.17	
Q0769	Determine or establish logistics requirements, such as personnel, equipment, tools, parts, supplies, or workspace	.59	3	2	2	3	6	0	3	5.52	
Q0770	Determine or establish work assignments or priorities	1.02	3	2	2	2	3	0	13	5.16	
Q0771	Develop organizational or functional charts	.49	2	2	0	3	3	0	0	4.72	
Q0772	Develop resource protection programs	.20	1	2	0	1	6	0	0	5.08	
Q0773	Develop self-inspection or self-assessment program checklists	.83	4	2	0	4	6	0	10	5.39	
Q0774	Develop inputs to mobility, contingency, disaster preparedness, or unit emergency or alert plans	.39	3	6	2	3	3	0	0	5.10	
Q0775	Develop or establish work methods or procedures	.71	6	4	4	7	3	5	10	5.65	
Q0776	Develop or establish work schedules	.66	4	2	4	5	6	0	3	4.65	
Q0777	Draft budget requirements	.00	1	2	0	1	0	0	0	6.72	
Q0778	Draft host-tenant or interservice agreements	.00	1	2	0	1	0	0	0	6.99	
Q0779	Draft supplements or changes to directives, such as policy directives, instructions, or manuals	.29	1	0	0	2	0	0	0	6.34	

Q0780	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	.34	3	2	2	2	3	5	5	6.36
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D											
T Tsk		TNG	ALL	AFE	PAC	ACC	AMC	FMC	SPC	TSK	
Y Nbr	Task Title	EMP	1EL	1EL	1EL	1EL	1EL	1EL	1EL	DIF	
Q0781	Establish performance standards for subordinates	.93	2	0	0	1	9	0	3	5.12	
Q0782	Establish procedures for accountability of equipment, tools, parts, or supplies	.76	11	8	7	12	15	0	18	4.78	
Q0783	Evaluate inspection report findings or inspection procedures	.68	3	0	2	4	3	0	3	5.26	
Q0784	Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) Program	1.85	11	15	7	11	15	0	18	5.17	
Q0785	Evaluate personnel for compliance with performance standards	1.27	4	4	0	4	9	0	10	4.77	
Q0786	Evaluate personnel for promotion, demotion, reclassification, or special awards	.90	2	2	2	1	6	0	3	5.11	
Q0787	Evaluate maintenance or utilization of equipment, tools, parts, supplies, or workspace	1.07	7	6	5	7	12	0	15	5.10	
Q0788	Implement safety or security programs	1.07	12	17	5	12	9	0	15	4.86	
Q0789	Initiate personnel action requests	.51	1	0	0	2	0	0	3	4.90	
Q0790	Initiate actions required due to substandard performance of personnel	.51	1	0	0	1	3	0	3	5.35	
Q0791	Inspect personnel for compliance with military standards	1.07	10	15	5	11	12	0	10	4.17	
Q0792	Interpret policies, directives, or procedures for subordinates	.51	4	4	0	5	9	0	0	4.91	
Q0793	Investigate accidents or incidents	.44	1	0	0	2	0	0	0	5.09	
Q0794	Plan layouts of facilities	.17	1	2	0	1	3	0	0	5.96	
Q0795	Review budget requirements	.12	1	0	0	1	3	0	0	6.06	
Q0796	Review host-tenant or interservice agreements	.12	1	0	0	1	0	0	0	6.50	
Q0797	Review mobility, contingency, disaster preparedness, or unit emergency or alert plans	.66	5	6	2	6	3	0	5	5.30	
Q0798	Review drafts of supplements or changes to directives, such as policy directives, instructions, or manuals	.51	3	6	0	2	3	0	8	5.47	
Q0799	Schedule personnel for TDY assignments, leaves, or passes	.24	2	4	2	1	3	0	0	4.77	
Q0800	Write inspection reports	.32	2	2	0	1	6	5	3	5.61	
Q0801	Write job or position descriptions	.39	3	6	2	4	3	0	3	5.64	
Q0802	Write staff studies, surveys, or routine reports, other than training or inspection reports	.17	2	2	0	3	3	0	3	6.13	
Q0803	Write or indorse civilian performance appraisals	.27	1	2	0	0	3	0	0	5.76	
Q0804	Write or indorse military performance reports	.51	1	0	0	1	3	0	0	5.84	
Q0805	Write recommendations for awards or decorations	.78	1	0	0	1	6	0	3	5.98	
Q0806	Write replies to inspection reports	.98	1	2	2	2	0	0	0	5.39	



Satellite, Wideband, And Telemetry Systems  
Reported AFSC(s): 2E1X1

## ----- Variable/Group Distributions -----

The percent of reported group members who use, maintain or operate various types of equipment are presented under the column headings for the appropriate group. This percent using, maintaining, or operating equipment may be valuable in determining the relevancy of training and testing on or about these types of equipment.

Reports on the following groups were requested:

gp0006: All Active Duty Airmen with DAFSC 2E1X1	(n = 937)
gp0020: All DAFSC 2E1X1 AD Amn with 1-48 Mos TAFMS	(n = 377)
gp0048: All DAFSC 2E1X1 AD Amn in USAFE with 1-48 Mos TAFMS	(n = 53)
gp0049: All DAFSC 2E1X1 AD Amn in PACAF with 1-48 Mos TAFMS	(n = 56)
gp0052: All DAFSC 2E1X1 AD Amn in ACC with 1-48 Mos TAFMS	(n = 169)
gp0053: All DAFSC 2E1X1 AD Amn in AMC with 1-48 Mos TAFMS	(n = 33)
gp0054: All DAFSC 2E1X1 AD Amn in AFMC with 1-48 Mos TAFMS	(n = 19)
gp0055: All DAFSC 2E1X1 AD Amn in AFSPC with 1-48 Mos TAFMS	(n = 39)

V0105 Indicate which systems you use or maintain - None

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	14 %	2 %	0 %	4 %	1 %	3 %	11 %	8 %
Other:	86 %	98 %	100 %	96 %	99 %	97 %	89 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

V0106 Indicate which systems you use or maintain - Antennas

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	65 %	81 %	79 %	86 %	90 %	55 %	37 %	87 %
Other:	35 %	19 %	21 %	14 %	10 %	45 %	63 %	13 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*





## V0107 Indicate which systems you use or maintain - Computer Networks

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	22 %	20 %	17 %	14 %	19 %	21 %	32 %	31 %
Other:	78 %	80 %	83 %	86 %	81 %	79 %	68 %	69 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0108 Indicate which systems you use or maintain - Cryptographic

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	41 %	53 %	55 %	55 %	54 %	67 %	0 %	64 %
Other:	59 %	47 %	45 %	45 %	46 %	33 %	100 %	36 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0109 Indicate which systems you use or maintain - Data Collection

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	22 %	18 %	17 %	5 %	20 %	0 %	26 %	41 %
Other:	78 %	82 %	83 %	95 %	80 %	100 %	74 %	59 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0110 Indicate which systems you use or maintain - Ground Mobile Forces (GMFs)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	22 %	23 %	51 %	25 %	25 %	6 %	0 %	0 %
Other:	78 %	77 %	49 %	75 %	75 %	94 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0111 Indicate which systems you use or maintain - Instrumentation

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	17 %	23 %	13 %	13 %	28 %	12 %	53 %	23 %
Other:	83 %	77 %	87 %	88 %	72 %	88 %	47 %	77 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0112 Indicate which systems you use or maintain - Laser or Optical

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	10 %	11 %	21 %	5 %	9 %	15 %	16 %	10 %
Other:	90 %	89 %	79 %	95 %	91 %	85 %	84 %	90 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0113 Indicate which systems you use or maintain - Line Conditioning Units

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	10 %	9 %	13 %	5 %	6 %	30 %	11 %	3 %
Other:	90 %	91 %	87 %	95 %	94 %	70 %	89 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0114 Indicate which systems you use or maintain - Line of Sight Communications

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	37 %	49 %	43 %	50 %	65 %	55 %	16 %	3 %
Other:	63 %	51 %	57 %	50 %	35 %	45 %	84 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0115 Indicate which systems you use or maintain - Modems

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	60 %	77 %	87 %	91 %	79 %	64 %	26 %	69 %
Other:	40 %	23 %	13 %	9 %	21 %	36 %	74 %	31 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0116 Indicate which systems you use or maintain - Multiplexers

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	62 %	79 %	83 %	95 %	86 %	79 %	16 %	56 %
Other:	38 %	21 %	17 %	5 %	14 %	21 %	84 %	44 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0117 Indicate which systems you use or maintain - Radios

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	42 %	53 %	57 %	50 %	60 %	67 %	37 %	18 %
Other:	58 %	47 %	43 %	50 %	40 %	33 %	63 %	82 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0118 Indicate which systems you use or maintain - Satellite Communications

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	62 %	75 %	91 %	80 %	80 %	73 %	0 %	64 %
Other:	38 %	25 %	9 %	20 %	20 %	27 %	100 %	36 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0119 Indicate which systems you use or maintain - Satellite Meteorology

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	1 %	0 %	0 %	1 %	0 %	0 %	3 %
Other:	98 %	99 %	100 %	100 %	99 %	100 %	100 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0120 Indicate which systems you use or maintain - Satellite Navigation

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	2 %	2 %	0 %	2 %	0 %	0 %	8 %
Other:	98 %	98 %	98 %	100 %	98 %	100 %	100 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0121 Indicate which systems you use or maintain - Satellite Surveillance

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	1 %	2 %	0 %	2 %	1 %	0 %	0 %	10 %
Other:	99 %	98 %	100 %	98 %	99 %	100 %	100 %	90 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0122 Indicate which systems you use or maintain - Telemetry

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	16 %	21 %	6 %	7 %	30 %	9 %	32 %	28 %
Other:	84 %	79 %	94 %	93 %	70 %	91 %	68 %	72 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*





## V0123 Indicate which systems you use or maintain - Timing

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	42 %	51 %	43 %	59 %	50 %	48 %	37 %	72 %
Other:	58 %	49 %	57 %	41 %	50 %	52 %	63 %	28 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0124 Indicate which systems you use or maintain - Tracking

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	33 %	45 %	43 %	41 %	47 %	30 %	21 %	67 %
Other:	67 %	55 %	57 %	59 %	53 %	70 %	79 %	33 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0125 Indicate which systems you use or maintain - Troposphere Communications

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	24 %	36 %	30 %	32 %	59 %	9 %	0 %	0 %
Other:	76 %	64 %	70 %	68 %	41 %	91 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0126 Indicate which systems you use or maintain - Other

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	12 %	13 %	13 %	5 %	13 %	12 %	21 %	18 %
Other:	88 %	87 %	87 %	95 %	87 %	88 %	79 %	82 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0127 Test equip use or operate - None

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	15 %	2 %	2 %	4 %	1 %	0 %	5 %	8 %
Other:	85 %	98 %	98 %	96 %	99 %	100 %	95 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0128 Test equip use or operate - Analyzers, Data

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	17 %	17 %	21 %	9 %	20 %	15 %	16 %	21 %
Other:	83 %	83 %	79 %	91 %	80 %	85 %	84 %	79 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0129 Test equip use or operate - Analyzers, Distortion

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	8 %	11 %	8 %	20 %	12 %	12 %	0 %	3 %
Other:	92 %	89 %	92 %	80 %	88 %	88 %	100 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0130 Test equip use or operate - Analyzers, Logic State

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	3 %	9 %	0 %	4 %	0 %	0 %	5 %
Other:	98 %	97 %	91 %	100 %	96 %	100 %	100 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0131 Test equip use or operate - Analyzers, Microwave Link

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	7 %	8 %	11 %	5 %	9 %	6 %	0 %	5 %
Other:	93 %	92 %	89 %	95 %	91 %	94 %	100 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0132 Test equip use or operate - Analyzers, Network

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	11 %	11 %	11 %	9 %	7 %	15 %	0 %	31 %
Other:	89 %	89 %	89 %	91 %	93 %	85 %	100 %	69 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0133 Test equip use or operate - Analyzers, Sideband

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	4 %	4 %	2 %	6 %	3 %	0 %	0 %
Other:	98 %	96 %	96 %	98 %	94 %	97 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0134 Test equip use or operate - Analyzers, Signature

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	1 %	1 %	0 %	0 %	1 %	3 %	0 %	3 %
Other:	99 %	99 %	100 %	100 %	99 %	97 %	100 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0135 Test equip use or operate - Analyzers, Spectrum

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	67 %	80 %	81 %	80 %	88 %	58 %	47 %	79 %
Other:	33 %	20 %	19 %	20 %	12 %	42 %	53 %	21 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0136 Test equip use or operate - Atomic Oscillators

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	9 %	14 %	21 %	9 %	14 %	15 %	5 %	15 %
Other:	91 %	86 %	79 %	91 %	86 %	85 %	95 %	85 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0137 Test equip use or operate - Attenuators, Decibel (Db)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	50 %	60 %	66 %	63 %	68 %	30 %	21 %	59 %
Other:	50 %	40 %	34 %	38 %	32 %	70 %	79 %	41 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0138 Test equip use or operate - Attenuators, Fixed

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	59 %	70 %	85 %	84 %	76 %	36 %	11 %	67 %
Other:	41 %	30 %	15 %	16 %	24 %	64 %	89 %	33 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*





## V0139 Test equip use or operate - Attenuators, Variable

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	57 %	73 %	81 %	80 %	82 %	52 %	21 %	64 %
Other:	43 %	27 %	19 %	20 %	18 %	48 %	79 %	36 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0140 Test equip use or operate - Audio Oscillators

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	16 %	16 %	23 %	13 %	19 %	12 %	0 %	15 %
Other:	84 %	84 %	77 %	88 %	81 %	88 %	100 %	85 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0141 Test equip use or operate - Boxes, Capacitance Substitution

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	1 %	0 %	0 %	3 %	0 %	0 %	0 %
Other:	98 %	99 %	100 %	100 %	97 %	100 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0142 Test equip use or operate - Boxes, Resistance Substitution

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	3 %	3 %	0 %	0 %	5 %	0 %	0 %	5 %
Other:	97 %	97 %	100 %	100 %	95 %	100 %	100 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0143 Test equip use or operate - Break Out Boxes (BOBs)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	14 %	13 %	19 %	7 %	12 %	9 %	26 %	8 %
Other:	86 %	87 %	81 %	93 %	88 %	91 %	74 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0144 Test equip use or operate - Built-In Test Equipment

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	63 %	79 %	81 %	82 %	87 %	73 %	37 %	67 %
Other:	37 %	21 %	19 %	18 %	13 %	27 %	63 %	33 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0145 Test equip use or operate - Calibrators, Direct Current (DC)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	7 %	11 %	15 %	7 %	11 %	6 %	16 %	15 %
Other:	93 %	89 %	85 %	93 %	89 %	94 %	84 %	85 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0146 Test equip use or operate - Calibrators, other than DC

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	4 %	7 %	9 %	2 %	9 %	6 %	5 %	5 %
Other:	96 %	93 %	91 %	98 %	91 %	94 %	95 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0147 Test equip use or operate - Calibrators, Heat Source

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	2 %	2 %	2 %	2 %	0 %	11 %	3 %
Other:	98 %	98 %	98 %	98 %	98 %	100 %	89 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0148 Test equip use or operate - Calipers

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	5 %	5 %	6 %	2 %	5 %	3 %	32 %	3 %
Other:	95 %	95 %	94 %	98 %	95 %	97 %	68 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0149 Test equip use or operate - Checkers, Capacitor

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	4 %	3 %	6 %	4 %	2 %	6 %	5 %	5 %
Other:	96 %	97 %	94 %	96 %	98 %	94 %	95 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0150 Test equip use or operate - Combined Maintenance Bench Sets (CMBSS)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	3 %	7 %	9 %	4 %	7 %	12 %	0 %	8 %
Other:	97 %	93 %	91 %	96 %	93 %	88 %	100 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0151 Test equip use or operate - Counters, Error

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	28 %	33 %	38 %	30 %	34 %	36 %	0 %	38 %
Other:	72 %	67 %	62 %	70 %	66 %	64 %	100 %	62 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0152 Test equip use or operate - Counters, Frequency

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	57 %	69 %	75 %	71 %	76 %	67 %	16 %	59 %
Other:	43 %	31 %	25 %	29 %	24 %	33 %	84 %	41 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0153 Test equip use or operate - Crystal Detectors

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	12 %	11 %	19 %	16 %	7 %	12 %	0 %	18 %
Other:	88 %	89 %	81 %	84 %	93 %	88 %	100 %	82 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0154 Test equip use or operate - Digital Logic Clips

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	3 %	4 %	5 %	4 %	3 %	0 %	0 %
Other:	98 %	97 %	96 %	95 %	96 %	97 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*





## V0155 Test equip use or operate - Digital Logic Comparators

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	4 %	2 %	5 %	5 %	3 %	5 %	5 %
Other:	98 %	96 %	98 %	95 %	95 %	97 %	95 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0156 Test equip use or operate - Directional Couplers

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	29 %	37 %	47 %	39 %	40 %	18 %	5 %	41 %
Other:	71 %	63 %	53 %	61 %	60 %	82 %	95 %	59 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0157 Test equip use or operate - Dummy Loads

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	60 %	73 %	87 %	82 %	80 %	45 %	26 %	62 %
Other:	40 %	27 %	13 %	18 %	20 %	55 %	74 %	38 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0158 Test equip use or operate - Frequency Measuring Sets

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	29 %	35 %	53 %	41 %	34 %	27 %	16 %	33 %
Other:	71 %	65 %	47 %	59 %	66 %	73 %	84 %	67 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0159 Test equip use or operate - Generators, Audio Signal

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	22 %	27 %	34 %	25 %	32 %	27 %	5 %	13 %
Other:	78 %	73 %	66 %	75 %	68 %	73 %	95 %	87 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0160 Test equip use or operate - Generators, Function

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	21 %	27 %	11 %	11 %	31 %	30 %	37 %	46 %
Other:	79 %	73 %	89 %	89 %	69 %	70 %	63 %	54 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0161 Test equip use or operate - Generators, Noise

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	27 %	43 %	49 %	41 %	56 %	24 %	16 %	21 %
Other:	73 %	57 %	51 %	59 %	44 %	76 %	84 %	79 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0162 Test equip use or operate - Generators, Pattern

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	9 %	14 %	21 %	14 %	14 %	18 %	0 %	10 %
Other:	91 %	86 %	79 %	86 %	86 %	82 %	100 %	90 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0163 Test equip use or operate - Generators, Radio Frequency (RF) Signal

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	48 %	55 %	49 %	57 %	60 %	45 %	16 %	64 %
Other:	52 %	45 %	51 %	43 %	40 %	55 %	84 %	36 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0164 Test equip use or operate - Generators, Serial Data

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	4 %	6 %	11 %	11 %	4 %	6 %	5 %	0 %
Other:	96 %	94 %	89 %	89 %	96 %	94 %	95 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0165 Test equip use or operate - Generators, Signal

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	45 %	59 %	62 %	64 %	59 %	55 %	47 %	62 %
Other:	55 %	41 %	38 %	36 %	41 %	45 %	53 %	38 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0166 Test equip use or operate - Generators, Superhigh Frequency (SHF)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	19 %	22 %	30 %	36 %	24 %	6 %	0 %	10 %
Other:	81 %	78 %	70 %	64 %	76 %	94 %	100 %	90 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0167 Test equip use or operate - Generators, Sweep

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	25 %	31 %	25 %	38 %	35 %	33 %	5 %	28 %
Other:	75 %	69 %	75 %	63 %	65 %	67 %	95 %	72 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0168 Test equip use or operate - Generators, Synchronization

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	3 %	0 %	5 %	4 %	0 %	0 %	3 %
Other:	98 %	97 %	100 %	95 %	96 %	100 %	100 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0169 Test equip use or operate - Generators, Time Code

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	14 %	15 %	0 %	7 %	16 %	9 %	11 %	46 %
Other:	86 %	85 %	100 %	93 %	84 %	91 %	89 %	54 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0170 Test equip use or operate - Generators, Time Code Translators

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	7 %	7 %	0 %	7 %	6 %	0 %	0 %	31 %
Other:	93 %	93 %	100 %	93 %	94 %	100 %	100 %	69 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*





## V0171 Test equip use or operate - Generators, Ultrahigh Frequency

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	6 %	9 %	15 %	5 %	10 %	3 %	0 %	10 %
Other:	94 %	91 %	85 %	95 %	90 %	97 %	100 %	90 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0172 Test equip use or operate - Global Positioning Systems (GPSs)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	35 %	35 %	42 %	38 %	32 %	30 %	37 %	38 %
Other:	65 %	65 %	58 %	63 %	68 %	70 %	63 %	62 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0173 Test equip use or operate - Kineto Tracking Mounts (KTMs)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	1 %	1 %	0 %	0 %	1 %	0 %	11 %	0 %
Other:	99 %	99 %	100 %	100 %	99 %	100 %	89 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0174 Test equip use or operate - Laptop or Notebook Computers

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	40 %	40 %	57 %	25 %	40 %	39 %	32 %	41 %
Other:	60 %	60 %	43 %	75 %	60 %	61 %	68 %	59 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0175 Test equip use or operate - Megaohmmeters

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	11 %	11 %	13 %	13 %	9 %	0 %	37 %	15 %
Other:	89 %	89 %	87 %	88 %	91 %	100 %	63 %	85 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0176 Test equip use or operate - Meters, Audio Distortion

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	4 %	4 %	9 %	4 %	0 %	0 %	0 %
Other:	98 %	96 %	96 %	91 %	96 %	100 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0177 Test equip use or operate - Meters, Capacitance or Induction

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	9 %	13 %	21 %	16 %	9 %	15 %	5 %	21 %
Other:	91 %	87 %	79 %	84 %	91 %	85 %	95 %	79 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0178 Test equip use or operate - Meters, Db

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	25 %	32 %	45 %	30 %	33 %	21 %	5 %	41 %
Other:	75 %	68 %	55 %	70 %	67 %	79 %	95 %	59 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0179 Test equip use or operate - Meters, Fiber-Optic

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	21 %	21 %	42 %	20 %	16 %	18 %	16 %	23 %
Other:	79 %	79 %	58 %	80 %	84 %	82 %	84 %	77 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0180 Test equip use or operate - Meters, Flutter

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	1 %	1 %	0 %	2 %	2 %	0 %	0 %	0 %
Other:	99 %	99 %	100 %	98 %	98 %	100 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0181 Test equip use or operate - Meters, Jitter

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	2 %	0 %	2 %	2 %	3 %	0 %	0 %
Other:	98 %	98 %	100 %	98 %	98 %	97 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0182 Test equip use or operate - Meters, Modulation or Deviation

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	5 %	5 %	9 %	7 %	5 %	0 %	0 %	3 %
Other:	95 %	95 %	91 %	93 %	95 %	100 %	100 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0183 Test equip use or operate - Meters, Noise Figure

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	12 %	17 %	17 %	16 %	27 %	3 %	0 %	3 %
Other:	88 %	83 %	83 %	84 %	73 %	97 %	100 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0184 Test equip use or operate - Meters, Power

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	56 %	64 %	64 %	70 %	68 %	55 %	32 %	69 %
Other:	44 %	36 %	36 %	30 %	32 %	45 %	68 %	31 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0185 Test equip use or operate - Meters, Vacuum

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	1 %	2 %	0 %	4 %	2 %	0 %	5 %	0 %
Other:	99 %	98 %	100 %	96 %	98 %	100 %	95 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0186 Test equip use or operate - Meters, Variable Standing Wave Ratio (VSWR)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	14 %	19 %	28 %	18 %	23 %	9 %	0 %	8 %
Other:	86 %	81 %	72 %	82 %	77 %	91 %	100 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*





## V0187 Test equip use or operate - Microohmmeters

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	8 %	11 %	13 %	5 %	11 %	18 %	16 %	13 %
Other:	92 %	89 %	87 %	95 %	89 %	82 %	84 %	87 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0188 Test equip use or operate - Monitors, Modulation

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	4 %	8 %	8 %	11 %	9 %	3 %	0 %	5 %
Other:	96 %	92 %	92 %	89 %	91 %	97 %	100 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0189 Test equip use or operate - Monitors, Waveform

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	8 %	11 %	15 %	7 %	11 %	15 %	11 %	10 %
Other:	92 %	89 %	85 %	93 %	89 %	85 %	89 %	90 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0190 Test equip use or operate - Multimeters, Analog

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	42 %	54 %	49 %	43 %	63 %	39 %	42 %	59 %
Other:	58 %	46 %	51 %	57 %	37 %	61 %	58 %	41 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0191 Test equip use or operate - Multimeters, Digital

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	75 %	87 %	87 %	91 %	85 %	91 %	84 %	92 %
Other:	25 %	13 %	13 %	9 %	15 %	9 %	16 %	8 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0192 Test equip use or operate - Noise Combiners

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	4 %	8 %	11 %	18 %	7 %	0 %	5 %	0 %
Other:	96 %	92 %	89 %	82 %	93 %	100 %	95 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0193 Test equip use or operate - Optical Time Domain Reflectometers (OTDRs)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	9 %	8 %	8 %	2 %	7 %	30 %	0 %	8 %
Other:	91 %	92 %	92 %	98 %	93 %	70 %	100 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0194 Test equip use or operate - Oscilloscopes

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	67 %	80 %	87 %	75 %	83 %	70 %	68 %	85 %
Other:	33 %	20 %	13 %	25 %	17 %	30 %	32 %	15 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0195 Test equip use or operate - Pad Limiters

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	15 %	22 %	45 %	30 %	22 %	6 %	0 %	5 %
Other:	85 %	78 %	55 %	70 %	78 %	94 %	100 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0196 Test equip use or operate - Power Heads

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	20 %	15 %	28 %	25 %	9 %	6 %	5 %	26 %
Other:	80 %	85 %	72 %	75 %	91 %	94 %	95 %	74 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0197 Test equip use or operate - Power Supplies, DC

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	45 %	55 %	58 %	52 %	50 %	55 %	74 %	74 %
Other:	55 %	45 %	42 %	48 %	50 %	45 %	26 %	26 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0198 Test equip use or operate - Power Supplies, Variable

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	30 %	36 %	40 %	36 %	33 %	27 %	42 %	56 %
Other:	70 %	64 %	60 %	64 %	67 %	73 %	58 %	44 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0199 Test equip use or operate - Pressure Gauges

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	14 %	18 %	17 %	7 %	18 %	18 %	37 %	26 %
Other:	86 %	82 %	83 %	93 %	82 %	82 %	63 %	74 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0200 Test equip use or operate - Probes, Digital Logic

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	14 %	23 %	26 %	21 %	22 %	27 %	21 %	28 %
Other:	86 %	77 %	74 %	79 %	78 %	73 %	79 %	72 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0201 Test equip use or operate - Probes, High Voltage

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	31 %	40 %	51 %	45 %	39 %	30 %	11 %	56 %
Other:	69 %	60 %	49 %	55 %	61 %	70 %	89 %	44 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0202 Test equip use or operate - Probes, Network

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	4 %	4 %	6 %	4 %	3 %	15 %	0 %	3 %
Other:	96 %	96 %	94 %	96 %	97 %	85 %	100 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*





## V0203 Test equip use or operate - Probes, RF

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	21 %	28 %	28 %	32 %	30 %	27 %	0 %	31 %
Other:	79 %	72 %	72 %	68 %	70 %	73 %	100 %	69 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0204 Test equip use or operate - Probes, Thermal

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	5 %	6 %	8 %	5 %	6 %	15 %	11 %	0 %
Other:	95 %	94 %	92 %	95 %	94 %	85 %	89 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0205 Test equip use or operate - Satellite Simulators

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	24 %	31 %	36 %	32 %	34 %	15 %	11 %	36 %
Other:	76 %	69 %	64 %	68 %	66 %	85 %	89 %	64 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0206 Test equip use or operate - Strip Chart Recorders

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	5 %	5 %	0 %	4 %	9 %	0 %	5 %	5 %
Other:	95 %	95 %	100 %	96 %	91 %	100 %	95 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0207 Test equip use or operate - Tension Gauges

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	3 %	4 %	2 %	3 %	0 %	0 %	5 %
Other:	98 %	97 %	96 %	98 %	97 %	100 %	100 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0208 Test equip use or operate - Test Sets, Antenna Control

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	11 %	19 %	21 %	25 %	21 %	6 %	0 %	21 %
Other:	89 %	81 %	79 %	75 %	79 %	94 %	100 %	79 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0209 Test equip use or operate - Test Sets, Bit Error Rate

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	47 %	59 %	68 %	71 %	60 %	70 %	0 %	46 %
Other:	53 %	41 %	32 %	29 %	40 %	30 %	100 %	54 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0210 Test equip use or operate - Test Sets, Control

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	3 %	7 %	8 %	9 %	8 %	3 %	0 %	5 %
Other:	97 %	93 %	92 %	91 %	92 %	97 %	100 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0211 Test equip use or operate - Test Sets, Digital Data

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	11 %	12 %	21 %	14 %	12 %	9 %	0 %	8 %
Other:	89 %	88 %	79 %	86 %	88 %	91 %	100 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0212 Test equip use or operate - Test Sets, DualCommSec(COMSEC)Switching Units

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	4 %	8 %	5 %	4 %	6 %	0 %	0 %
Other:	98 %	96 %	92 %	95 %	96 %	94 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0213 Test equip use or operate - Test Sets, Dual Modem

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	3 %	6 %	11 %	5 %	6 %	3 %	0 %	5 %
Other:	97 %	94 %	89 %	95 %	94 %	97 %	100 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0214 Test equip use or operate - Test Sets, Eb/No

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	17 %	20 %	28 %	41 %	15 %	27 %	0 %	0 %
Other:	83 %	80 %	72 %	59 %	85 %	73 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0215 Test equip use or operate - Test Sets, Explosive Circuit

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	1 %	2 %	0 %	4 %	3 %	3 %	0 %	0 %
Other:	99 %	98 %	100 %	96 %	97 %	97 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0216 Test equip use or operate - Test Sets, Fiber-Optic

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	20 %	26 %	42 %	23 %	26 %	21 %	11 %	21 %
Other:	80 %	74 %	58 %	77 %	74 %	79 %	89 %	79 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0217 Test equip use or operate - Test Sets, Frequency Response

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	4 %	6 %	11 %	13 %	6 %	3 %	0 %	0 %
Other:	96 %	94 %	89 %	88 %	94 %	97 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0218 Test equip use or operate - Test Sets, High Power Amplifier (HPA)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	16 %	24 %	28 %	27 %	24 %	18 %	5 %	36 %
Other:	84 %	76 %	72 %	73 %	76 %	82 %	95 %	64 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*





## V0219 Test equip use or operate - Test Sets, HPA Power Supply

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	15 %	24 %	25 %	29 %	24 %	18 %	0 %	38 %
Other:	85 %	76 %	75 %	71 %	76 %	82 %	100 %	62 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0220 Test equip use or operate - Test Sets, Insulation

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	3 %	4 %	7 %	4 %	0 %	0 %	0 %
Other:	98 %	97 %	96 %	93 %	96 %	100 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0221 Test equip use or operate - Test Sets, Loop

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	13 %	21 %	25 %	16 %	30 %	9 %	0 %	13 %
Other:	87 %	79 %	75 %	84 %	70 %	91 %	100 %	87 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0222 Test equip use or operate - Test Sets, Message Processor (MPTS)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	1 %	2 %	2 %	5 %	1 %	0 %	0 %	3 %
Other:	99 %	98 %	98 %	95 %	99 %	100 %	100 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0223 Test equip use or operate - Test Sets, Narrow Band

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	4 %	2 %	5 %	5 %	0 %	0 %	5 %
Other:	98 %	96 %	98 %	95 %	95 %	100 %	100 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0224 Test equip use or operate - Test Sets, Power Supply, other than HPA

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	6 %	10 %	9 %	14 %	10 %	15 %	5 %	8 %
Other:	94 %	90 %	91 %	86 %	90 %	85 %	95 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0225 Test equip use or operate - Test Sets, Receiver or Transmitter

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	9 %	11 %	8 %	9 %	14 %	12 %	0 %	13 %
Other:	91 %	89 %	92 %	91 %	86 %	88 %	100 %	87 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0226 Test equip use or operate - Test Sets, Synchronizer

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	3 %	5 %	4 %	7 %	6 %	3 %	5 %	3 %
Other:	97 %	95 %	96 %	93 %	94 %	97 %	95 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0227 Test equip use or operate - Test Sets, Telephone

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	12 %	13 %	25 %	16 %	15 %	9 %	0 %	0 %
Other:	88 %	87 %	75 %	84 %	85 %	91 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0228 Test equip use or operate - Test Sets, Teletype

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	4 %	6 %	7 %	5 %	3 %	0 %	0 %
Other:	98 %	96 %	94 %	93 %	95 %	97 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0229 Test equip use or operate - Test Sets, Wideband

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	10 %	16 %	9 %	18 %	23 %	9 %	0 %	5 %
Other:	90 %	84 %	91 %	82 %	77 %	91 %	100 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0230 Test equip use or operate - Testers, Circuit Board

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	4 %	7 %	6 %	7 %	8 %	0 %	11 %	8 %
Other:	96 %	93 %	94 %	93 %	92 %	100 %	89 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0231 Test equip use or operate - Testers, Digital Diagnostic

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	1 %	2 %	4 %	5 %	2 %	0 %	0 %	3 %
Other:	99 %	98 %	96 %	95 %	98 %	100 %	100 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0232 Test equip use or operate - Testers, Logic

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	3 %	4 %	4 %	7 %	4 %	3 %	5 %	5 %
Other:	97 %	96 %	96 %	93 %	96 %	97 %	95 %	95 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0233 Test equip use or operate - Testers, Semiconductor

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	3 %	0 %	5 %	2 %	3 %	0 %	8 %
Other:	98 %	97 %	100 %	95 %	98 %	97 %	100 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0234 Test equip use or operate - Time Domain Reflectometers (TDRs)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	9 %	9 %	6 %	5 %	8 %	15 %	0 %	15 %
Other:	91 %	91 %	94 %	95 %	92 %	85 %	100 %	85 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*





## V0235 Test equip use or operate - Torque Wrenches

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	44 %	54 %	55 %	59 %	54 %	42 %	42 %	64 %
Other:	56 %	46 %	45 %	41 %	46 %	58 %	58 %	36 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0236 Test equip use or operate - Vacuum Pumps

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	2 %	2 %	2 %	1 %	3 %	11 %	3 %
Other:	98 %	98 %	98 %	98 %	99 %	97 %	89 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0237 Test equip use or operate - Vibragrounds

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	28 %	38 %	53 %	41 %	49 %	21 %	0 %	8 %
Other:	72 %	62 %	47 %	59 %	51 %	79 %	100 %	92 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0238 Test equip use or operate - Voltmeters, Frequency Selective

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	22 %	34 %	40 %	36 %	40 %	27 %	11 %	18 %
Other:	78 %	66 %	60 %	64 %	60 %	73 %	89 %	82 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0239 Test equip use or operate - Voltmeters, Root Mean Square (RMS)

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	18 %	24 %	26 %	30 %	24 %	6 %	21 %	33 %
Other:	82 %	76 %	74 %	70 %	76 %	94 %	79 %	67 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0240 Test equip use or operate - Voltmeters, Vacuum Tube

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	2 %	4 %	2 %	7 %	4 %	6 %	0 %	0 %
Other:	98 %	96 %	98 %	93 %	96 %	94 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0241 Test equip use or operate - Wattmeters

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	26 %	31 %	25 %	32 %	43 %	27 %	0 %	13 %
Other:	74 %	69 %	75 %	68 %	57 %	73 %	100 %	87 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0242 Test equip use or operate - Waveguide Couplers or Adapters

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	35 %	50 %	55 %	55 %	57 %	33 %	0 %	54 %
Other:	65 %	50 %	45 %	45 %	43 %	67 %	100 %	46 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## V0243 Test equip use or operate - Wavemeters

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	3 %	6 %	6 %	5 %	7 %	6 %	0 %	3 %
Other:	97 %	94 %	94 %	95 %	93 %	94 %	100 %	97 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0244 Test equip use or operate - X-Y Recorders or Plotters

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	6 %	5 %	15 %	7 %	4 %	3 %	0 %	0 %
Other:	94 %	95 %	85 %	93 %	96 %	97 %	100 %	100 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*

## V0245 Test equip use or operate - Other

	TOTAL AD SAMPLE EQUIPMENT	ALL 1ST ENL AD	USAFE 1ST ENL	PACAF 1ST ENL	ACC 1ST ENL	AMC 1ST ENL	AFMC 1ST ENL	AFSPC 1ST ENL
Interval Percentages	gp0006	gp0020	gp0048	gp0049	gp0052	gp0053	gp0054	gp0055
Yes	6 %	8 %	8 %	5 %	7 %	12 %	21 %	15 %
Other:	94 %	92 %	92 %	95 %	93 %	88 %	79 %	85 %
Total in group:	937*	377*	53*	56*	169*	33*	19*	39*



## Report Option Table

Factor Title			Mean	----- S.D.	Based on All Tasks Within Ran Option			
					Max	Min	Valid	
Primary Sort	F0066	2E1X1 Training Emphasis Ratings	GRPREL 002		1.75	1.29	6.41	.00 806
Secondary Sort		Not Used			.00	.00	.00	.00 806
Print Suppress		Not Used						

## Description of Reported Factors

Col	Factor	Source vector	Title	Number Members	----- Mean	----- S.D.	Based on All Tasks Within Range			----- Valid
							Max	Min		
1	TITLE		Task Statement							
2	F0066	TF0002/RMN	2E1X1 Training Emphasis Ratings	41	1.75	1.29	6.41	.00		806
3	F0018	GP0018/PMP	All DAFSC 2E1X1 AD Amn with 1-24 Mos TAFMS	121	16.44	16.69	84.30	.00		806
4	F0020	GP0020/PMP	All DAFSC 2E1X1 AD Amn with 1-48 Mos TAFMS	377	18.84	17.47	86.74	.53		806
5	F0067	TF0001/SMN	2E1X1 Task Difficulty Ratings	71	5.00	1.00	8.25	-.62		806





AFSC 2E1X1 tasks are presented below in descending order of first term training emphasis ratings, together with the percent of first-job and first-enlistment incumbents performing each task, and the relative task difficulty ratings.

Training emphasis ratings were collected from 41 experienced career ladder NCOs (primarily E-6s and E-7s) who worked in a variety of commands and locations. These NCOs rated job inventory tasks on a 10-point scale ranging from zero (no training required) to nine (extremely high training emphasis recommended). Overall, the 41 raters had acceptable agreement as to which tasks require some form of structured training during the first-enlistment.

In this career ladder, the average training emphasis rating was 1.75, with a standard deviation of 1.29. Tasks rated above 3.04 are high in training emphasis and should be seriously considered for inclusion in the basic resident course. Tasks rated below 1.75 generally are more appropriately trained by OJT rather than in the formal basic resident course.

D						
T Tsk		TNG	1-	48-	TSK	
Y Nbr	Task Title	EMP	24	48	DIF	
A0016	Operationally check system or test equipment	6.41	69	74	5.23	
J0522	Configure modems	6.00	57	58	4.60	
A0022	Perform system power-downs	5.98	84	87	2.40	
A0023	Perform system power-ups	5.93	84	86	2.46	
A0018	Perform end-to-end check-outs	5.93	37	47	5.95	
J0524	Configure patch panels	5.80	57	58	4.99	
J0553	Perform satellite acquisition procedures	5.71	46	49	5.09	
J0523	Configure multiplexers or demultiplexers	5.68	61	59	4.79	
J0519	Configure down-converters or up-converters	5.61	55	53	4.39	
J0528	Establish communications links	5.41	50	52	6.05	
D0138	Adjust down-converters	5.41	68	65	4.90	
J0555	Perform satellite tracking procedures	5.34	46	49	4.82	
A0021	Perform system diagnostics	5.27	45	55	5.58	
J0529	Establish orderwire contacts	5.27	45	44	5.33	
D0145	Perform PMIs on down-converters	5.20	72	66	4.54	VERY HIGH
E0179	Perform PMIs on up-converters	5.17	63	60	4.63	
E0201	Troubleshoot or repair up-converters	5.12	56	55	6.17	
E0173	Adjust up-converters	4.93	60	58	5.24	
E0174	Adjust high-voltage power supplies	4.90	46	46	5.86	
H0307	Perform modem bit error rate tests	4.90	43	45	4.72	
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	55	57	4.90	
K0617	Set up antenna systems	4.78	38	43	5.54	
J0538	Perform bit error rate tests	4.76	49	51	4.90	
H0314	Perform PMIs on modems	4.76	51	54	4.67	
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	4.73	50	51	6.20	
H0294	Adjust multiplexers or demultiplexers	4.73	56	51	5.33	
B0108	Visually inspect waveguides	4.66	62	65	2.50	
E0178	Perform PMIs on transmitters	4.66	45	47	4.96	

E0200    Troubleshoot or repair transmitters

4.63

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6.40

D					
T Tsk		TNG	1-	48-	TSK
Y Nbr	Task Title	EMP	24	48	DIF
B0083	Remove or replace quick reaction antenna (QRA) components	4.54	23	33	4.32
A0015	Install equipment grounds	4.51	64	65	3.10
D0136	Adjust amplifiers	4.51	60	61	5.38
H0351	Troubleshoot or repair modems	4.51	55	56	6.28
B0060	Assemble or disassemble antennas	4.49	50	56	5.09
A0034	Remove or replace CCAs	4.49	79	76	2.04
H0293	Adjust modulators or demodulators	4.46	49	47	5.34
B0064	Perform PMIs on antenna systems	4.46	70	72	4.44
A0013	Install communications equipment	4.41	57	60	5.60
E0177	Perform PMIs on high-voltage power supplies	4.39	50	47	5.13
H0292	Adjust modems	4.39	57	53	5.19
D0143	Adjust receivers	4.34	42	48	4.98
H0304	Operate modulators or demodulators	4.34	47	49	4.36
VERY HIGH (2SD)					
E0203	Troubleshoot or repair high-voltage power supplies	4.32	45	45	6.64
D0144	Perform PMIs on amplifiers	4.29	60	60	4.58
D0147	Perform PMIs on receivers	4.29	53	56	4.49
J0526	Configure timing equipment	4.27	31	35	5.37
J0541	Perform communications circuit fault isolation procedures	4.27	25	33	5.69
A0024	Perform preventive maintenance inspections (PMIs) on CCAs	4.24	59	68	3.41
J0545	Perform loop-back or end-to-end tests	4.24	50	49	5.37
H0296	Adjust power supplies	4.22	48	42	4.89
H0352	Troubleshoot or repair modulators or demodulators	4.22	44	48	6.22
B0093	Troubleshoot or repair antenna systems	4.20	43	49	5.82
A0011	Inspect waveguides	4.15	59	64	3.65
C0130	Troubleshoot or repair tracking down-converters	4.15	45	45	6.14
J0551	Perform receive signal level (RSL) checks	4.10	45	47	4.27
H0355	Troubleshoot or repair power supplies	4.10	44	46	6.07
A0017	Perform corrosion control	4.07	75	79	1.74
D0150	Remove or replace down-converters	4.05	60	61	4.64
B0105	Visually inspect antennas	4.02	60	68	2.36
H0331	Remove or replace modems	4.02	54	56	4.30
HIGH					
B0107	Visually inspect QRAs	3.98	33	39	2.48
B0106	Visually inspect feedhorn assemblies	3.95	51	57	2.58
C0115	Operationally check tracking systems	3.95	27	34	4.50
F0206	Configure Air Force Satellite Communications (AFSATCOM) terminal equipment	3.93	39	34	6.07
B0088	Troubleshoot or repair antenna controls	3.90	44	48	5.42
H0353	Troubleshoot or repair multiplexers or demultiplexers	3.88	50	51	6.22
D0161	Troubleshoot or repair amplifiers	3.83	37	43	6.21
H0335	Remove or replace power supplies	3.83	55	58	4.32
H0310	Perform PMIs on modulators or demodulators	3.80	40	43	4.54
H0306	Operationally check cryptographic equipment	3.78	26	33	4.47
K0620	Site antenna systems	3.76	17	20	5.46
J0552	Report satellite status to appropriate agencies	3.76	22	20	3.42

B0074	Remove or replace antennas	3.76	42	46	4.56
A0037	Remove or replace equipment grounds	3.76	64	65	2.48
D0137	Adjust automatic gain controls (AGCs)	3.76	45	49	5.18

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			'AFOMS (AETC) Randolph AFB TX'			
D						
T Tsk		TNG	1-	48-	TSK	
Y Nbr	Task Title	EMP	24	48	DIF	
D0168	Troubleshoot or repair receivers	3.73	37	41	6.25	
A0046	Troubleshoot or repair cable assemblies or internal wiring	3.73	43	50	5.22	
J0521	Configure global positioning satellite (GPS) receivers	3.73	20	22	4.90	
J0557	Perform switchovers of equipment subassemblies to redundant equipment	3.68	26	31	4.40	
A0007	Fabricate or repair equipment cables	3.66	55	69	5.39	
B0089	Troubleshoot or repair antenna drive equipment	3.66	42	48	5.90	
B0063	Perform PMIs on antenna status equipment	3.66	53	54	4.43	
H0332	Remove or replace modulators or demodulators	3.63	42	46	4.36	
A0030	Remove electronic communications equipment	3.63	50	62	3.39	
C0131	Troubleshoot or repair tracking receivers	3.61	33	38	6.17	
J0552	Perform RF level checks	3.59	39	39	4.38	
B0090	Troubleshoot or repair antenna positioning circuits	3.59	35	38	6.33	
A0005	Adjust user-calibrated test equipment	3.59	37	38	4.37	
B0079	Remove or replace feedhorn assemblies	3.59	43	46	4.49	
A0026	Perform PMIs on equipment grounds	3.56	46	53	2.46	
A0043	Solder or desolder connectors or hardwire circuits	3.51	37	43	4.71	
J0516	Configure antenna tracking systems	3.49	25	29	4.53	
H0300	Configure cryptographic equipment	3.49	36	36	4.95	
D0142	Adjust receiver gain monitors	3.49	36	32	4.98	
K0589	Install or remove antenna systems	3.49	34	40	5.14	
A0052	Troubleshoot or repair equipment safety devices	3.46	27	29	3.50	HIGH
A0002	Adjust circuit card assemblies (CCAs)	3.46	66	66	2.89	
C0114	Adjust tracking systems	3.46	27	32	5.82	
A0027	Perform PMIs on equipment safety devices	3.46	43	49	2.66	
A0006	Adjust equipment safety devices	3.44	28	32	2.84	
J0554	Perform satellite network operations procedures	3.44	21	23	5.21	
E0189	Remove or replace high-voltage power supply components	3.41	33	38	5.60	
B0065	Perform PMIs on antennas, other than antenna systems	3.41	45	50	4.20	
C0134	Troubleshoot or repair tracking systems	3.41	26	35	6.28	
C0117	Perform PMIs on tracking systems	3.37	31	36	4.37	
B0092	Troubleshoot or repair antenna status equipment	3.37	35	38	5.69	
B0059	Assemble feedhorn assemblies	3.37	44	47	4.80	
I0362	Adjust built-in test equipment (BITE)	3.37	40	40	4.79	
A0049	Troubleshoot or repair equipment grounds	3.37	44	51	3.39	
E0188	Remove or replace transmitters	3.34	34	34	5.25	
A0042	Remove or replace equipment safety devices	3.34	30	36	3.00	
A0054	Visually inspect safety cables	3.32	48	54	1.58	
B0062	Perform waveguide insertion loss procedures	3.32	31	28	5.52	
A0012	Install cable assemblies or internal wiring	3.29	40	48	4.04	
B0080	Remove or replace feedhorn assembly components	3.29	36	39	4.59	
C0109	Adjust antenna positioning circuits	3.27	29	32	5.52	
E0172	Adjust transmit-gain circuits	3.24	25	27	5.18	
O0734	Set up or tear down shelters	3.22	35	38	4.13	
D0148	Remove or replace amplifiers	3.20	50	55	5.07	
B0085	Troubleshoot or repair antennas, other than antenna	3.17	28	31	5.24	

	systems				
H0308	Perform modem link characterization tests	3.17	17	16	5.69

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D						
T Tsk		TNG	1-	48-	TSK	
Y Nbr	Task Title	EMP	24	48	DIF	
B0094	Troubleshoot or repair antenna transmission lines or related components	3.17	31	34	5.47	
J0514	Annotate master station or project logs	3.17	28	38	2.33	
B0055	Adjust antenna status equipment	3.15	46	52	4.35	
M0645	Destroy classified materials or documents	3.15	40	50	3.99	
D0163	Troubleshoot or repair digital receivers	3.15	22	24	6.43	
B0066	Remove or replace antenna controls	3.15	36	44	4.76	
B0101	Troubleshoot or repair waveguides	3.12	38	40	5.27	
O0737	Test ground systems at deployed locations	3.12	20	24	4.11	
B0104	Visually inspect antenna reflector sections	3.12	40	47	2.70	
J0539	Perform carrier-to-receiver noise density (C/kT) checks	3.10	14	19	5.76	
H0333	Remove or replace multiplexers or demultiplexers	3.10	50	49	4.33	
C0129	Troubleshoot or repair tracking demodulators	3.10	31	32	6.20	
A0033	Remove or replace cable assemblies or internal wiring	3.07	46	55	3.92	
F0248	Troubleshoot AFSATCOM systems to identify faulty units	3.07	23	23	6.49	
K0587	Fabricate or repair cable connectors	3.05	28	38	5.18	HIGH (1SD)
C0113	Adjust tracking servo controls	3.02	26	32	5.87	
J0550	Perform receive link gain checks	3.02	14	20	5.41	
I0503	Troubleshoot or repair patch panels	3.00	30	30	5.60	
J0520	Configure equipment for network operations	3.00	20	21	5.17	
J0530	Initiate satellite equipment reports (SERs)	2.98	24	28	4.43	
A0039	Remove or replace minor plug-in or screw-in electronic components	2.95	68	72	.49	
E0197	Troubleshoot or repair power amplifier monitoring systems	2.95	26	24	6.05	
D0157	Remove or replace receivers	2.95	39	44	4.52	
C0132	Troubleshoot or repair tracking servo controls	2.95	28	31	6.27	
M0648	Identify and report suspected security compromises	2.95	23	31	4.69	
A0031	Remove or replace air filters	2.93	71	79	.67	
F0209	Operationally check communications security (COMSEC) controls	2.93	26	29	4.59	
O0696	Don or doff chemical warfare personal protective clothing	2.93	26	33	3.15	
E0171	Adjust power monitors	2.90	28	26	4.83	
N0670	Inventory equipment, tools, parts, or supplies	2.88	50	58	3.50	ABOVE AVERAGE
J0567	Verify operational readiness with ground network or distant terminals	2.85	12	18	4.44	
L0635	Review preventive maintenance schedules	2.85	30	43	4.08	
A0028	Perform PMIs on cable assemblies or internal wiring	2.85	40	47	2.96	
B0081	Remove or replace filter assemblies	2.85	36	46	2.55	
O0700	Inspect cut sheets	2.85	18	25	5.51	
E0199	Troubleshoot or repair transmit-gain circuits	2.83	21	20	6.17	
B0068	Remove or replace antenna drive equipment	2.83	39	47	5.26	
A0047	Troubleshoot or repair CCAs	2.83	47	49	6.00	
O0704	Install ground systems at deployed locations	2.83	21	27	3.86	
O0725	Set up or tear down tents	2.82	26	28	2.28	



C0118	Remove or replace antenna tracking control drawers	2.83	21	29	4.15
F0219	Operationally check receiver-transmitter (RT) controls	2.83	32	32	4.50
A0004	Adjust equipment grounds	2.83	63	66	1.70

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			'AFOMS (AETC) Randolph AFB TX'				
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T Tsk		TNG	1-	48-	TSK		
Y Nbr	Task Title	EMP	24	48	DIF		
B0073	Remove or replace antenna transmission lines or related components	2.80	31	37	3.88		
B0087	Troubleshoot splitters or combiners	2.80	19	25	5.46		
I0383	Adjust oscillators	2.80	30	28	5.16		
D0169	Troubleshoot or repair waveguide switching networks	2.78	26	26	6.01		
B0102	Visually inspect antenna couplers	2.76	30	34	2.90		
J0540	Perform changeovers between commercial power and back up generators	2.73	21	28	4.63		
L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81	2.73	24	34	4.41		
L0637	Update manual documents, such as AFTO Form 349 (Maintenance Data Collection Record)	2.71	10	26	4.34		
B0071	Remove or replace antenna reflector section components	2.71	27	34	4.18		
F0218	Operationally check radio frequency (RF) controls	2.68	38	37	4.49		
E0202	Troubleshoot or repair uplink waveguide switching networks	2.68	20	19	6.25		
I0373	Adjust frequency standards	2.68	21	23	5.21		
O0712	Perform chemical warfare agent decontamination procedures	2.66	23	30	4.22		
A0053	Visually inspect guidewires	2.66	42	45	1.51		
I0388	Adjust synthesizers	2.63	17	21	5.00		
C0133	Troubleshoot or repair tracking synchro controls	2.63	17	21	6.21		ABOVE AVERAGE
J0531	Monitor frequencies, such as to determine interference or equipment operation	2.63	24	30	4.89		
J0559	Perform test tone level tests	2.63	17	16	4.46		
O0710	Perform camouflage procedures	2.61	27	34	4.29		
I0488	Troubleshoot or repair frequency standards	2.59	13	18	6.26		
J0546	Perform noise figure tests	2.59	31	34	5.77		
B0072	Remove or replace antenna status equipment	2.59	26	36	4.46		
E0182	Remove or replace dummy loads	2.56	54	50	3.49		
D0140	Adjust mixers	2.56	22	25	5.09		
J0549	Perform patch or test facilities alternate circuit routing procedures	2.56	11	13	5.34		
A0032	Remove or replace blower motors	2.56	38	47	3.61		
H0323	Remove or replace fiber-optic receivers or transmitters	2.54	7	14	4.69		
N0667	Evaluate serviceability of equipment, tools, parts, or supplies	2.54	34	37	4.65		
O0736	Tear down, inspect, clean, and reassemble weapons	2.51	24	32	3.75		
I0513	Troubleshoot or repair general purpose power supplies	2.51	19	20	5.76		
I0359	Adjust analog-to-digital or digital-to-analog converters	2.51	19	24	5.25		
E0198	Troubleshoot or repair power monitors	2.49	21	20	6.14		
A0020	Perform software configurations on computer-based systems	2.49	17	27	5.76		
D0141	Adjust pre- or post-selectors	2.49	39	33	4.79		
O0700	Back up satellite mobility or contingency equipment	2.40	22	30	5.14		

for shipment or movement such as, airlift, road, or  
sealift

F0262	Troubleshoot or repair RF controls	2.46	27	24	6.14
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D						
T Tsk		TNG	1-	48-	TSK	
Y Nbr	Task Title	EMP	24	48	DIF	
B0084	Remove or replace relays	2.46	23	28	4.18	
L0631	Perform time compliance technical order (TCTO) inspections	2.46	31	36	5.43	
A0035	Remove or replace circuit board soldered electronic components	2.46	32	32	5.86	
H0319	Remove or replace cryptographic equipment	2.46	27	30	4.33	
J0561	Perform voltage standing wave ratio (VSWR) measurements	2.41	20	22	5.28	
O0715	Perform pallet buildup activities	2.41	34	34	4.46	
I0444	Remove or replace frequency standards	2.39	15	16	4.85	
O0725	Prepare equipment for deployments	2.39	26	30	5.04	
I0417	Perform PMIs on frequency standards	2.39	18	20	4.51	
C0123	Remove or replace tracking system components	2.39	17	25	5.25	
B0085	Remove or replace splitters or combiners	2.37	24	25	4.17	
J0563	Submit after-action reports	2.37	9	17	4.41	
J0542	Perform frequency response tests	2.34	15	17	5.87	
A0038	Remove or replace light bulbs	2.34	79	85	-.62	
I0432	Remove or replace attenuators	2.34	26	28	3.80	
I0412	Perform PMIs on BITE	2.34	31	31	4.08	
B0067	Remove or replace antenna coupler components	2.34	30	37	4.78	
C0116	Perform PMIs on software configuration systems	2.32	15	18	4.64	
D0167	Troubleshoot or repair receive combiners	2.32	21	23	6.33	
E0190	Troubleshoot directional couplers	2.29	21	24	5.98	ABOVE AVERAGE
B0086	Troubleshoot diplexers or duplexers	2.29	19	21	5.52	
O0703	Inspect packed or palletized mobility or contingency equipment prior to transport	2.29	12	20	4.52	
I0435	Remove or replace BITE	2.29	28	31	4.50	
D0146	Perform PMIs on interference suppression devices	2.27	18	19	4.56	
L0638	Update historical reports in CAMS, REMIS, IMMP, or GO81	2.27	23	36	4.41	
K0609	Perform site survey procedures	2.27	12	21	5.95	
M0653	Inventory classified materials or documents	2.27	26	40	4.12	
M0657	Maintain TO libraries	2.27	26	36	4.20	
E0186	Remove or replace power monitors	2.24	19	19	4.59	
O0692	Develop cut sheets	2.24	9	18	6.31	
M0650	Initiate technical order (TO) improvement reports, such as AFTO Forms 22 (Technical Order Improvement Report and Reply)	2.24	15	30	4.41	
O0682	Configure mobile vans	2.24	21	29	5.54	
B0069	Remove or replace antenna lights	2.24	32	41	1.63	
P0755	Maintain training records or files	2.24	18	31	4.57	
I0424	Perform PMIs on patch panels	2.22	21	25	3.94	
B0100	Troubleshoot or repair relays	2.22	19	22	4.95	
D0156	Remove or replace receive combiners	2.22	19	21	4.40	
E0191	Troubleshoot dummy loads	2.22	36	35	5.11	
O0714	Perform explosive ordnance reconnaissance	2.20	19	19	3.99	
E0192	Troubleshoot power combiners	2.20	15	17	6.01	

O0711	Perform camp security	2.20	22	30	3.79
E0181	Remove or replace directional couplers	2.17	23	28	4.60
I0475	Troubleshoot or repair BITE	2.17	22	27	5.72

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T Tsk		TNG	1-	48-	TSK		
Y Nbr	Task Title	EMP	24	48	DIF		
B0098	Troubleshoot or repair dehydrators or pressurizers	2.15	20	23	5.57		
J0556	Perform software loading procedures	2.15	11	18	4.55		
I0409	Perform PMIs on analog-to-digital or digital-to-analog converters	2.15	16	19	4.47		
C0110	Adjust brake systems	2.12	16	21	5.42		
F0240	Remove or replace RF controls	2.12	17	19	4.76		
E0176	Perform PMIs on cooling air circulation systems	2.12	21	22	4.13		
F0228	Perform PMIs on TSMs	2.12	11	12	4.40		
B0099	Troubleshoot or repair filter assemblies	2.12	31	34	4.23		
K0591	Install or remove cabling between van sites	2.10	18	24	4.12		
B0078	Remove or replace diplexers or duplexers	2.07	20	22	4.73		
P0743	Conduct on-the-job training (OJT)	2.07	27	42	5.10		
K0594	Install or remove fixed communications equipment	2.05	21	17	5.33		
I0392	Adjust general purpose power supplies	2.05	19	18	4.77		
E0187	Remove or replace transmit-gain controls	2.05	20	19	4.85		
D0158	Remove or replace waveguide switching networks	2.02	19	25	4.88		
D0154	Remove or replace power divider assemblies	2.02	25	20	4.37		
I0416	Perform PMIs on fiber-optic systems	2.02	12	16	4.49		
N0669	Initiate requisitions for equipment, tools, parts, or supplies	2.02	21	27	4.27		
L0632	Report equipment status to appropriate agencies	2.02	24	33	4.19		
F0227	Perform PMIs on TDSPPs	2.02	7	10	4.49	ABOVE AVERAGE	
I0372	Adjust fiber-optic systems	2.02	11	13	5.58		
E0196	Troubleshoot or repair line-voltage regulators	2.02	12	12	6.09		
J0537	Perform baseband sweep procedures	2.00	11	14	5.23		
I0431	Remove or replace analog-to-digital or digital-to-analog converters	2.00	17	20	4.82		
O0702	Inspect mobility bags or kits	1.98	23	29	3.20		
F0253	Troubleshoot or repair DCSUs	1.98	4	10	6.24		
I0472	Troubleshoot or repair analog-to-digital or digital-to-analog converters	1.98	16	20	6.12		
B0057	Adjust tuneable waveguides	1.98	17	17	5.79		
I0360	Adjust automatic frequency controls (AFCs)	1.98	9	11	5.12		
K0596	Install or remove master station grounds	1.98	13	15	4.77		
J0517	Configure automatic or manual transfer units or switching panels	1.95	7	14	4.83		
H0325	Remove or replace frequency generators	1.95	17	21	4.36		
O0722	Perform or set up site security	1.95	25	28	4.36		
C0135	Troubleshoot or repair transponders	1.95	10	12	6.22		
B0056	Adjust dehydrators or pressurizers	1.95	22	26	4.81		
N0671	Issue or log turn-ins of equipment, tools, parts, or supplies	1.95	27	33	3.76		
D0166	Troubleshoot or repair pre- or post-selectors	1.93	26	25	6.04		
I0465	Remove or replace synthesizers	1.93	21	21	4.72		
J0560	Perform transmission line loss measurements	1.93	7	11	4.97		
K0615	Prepare site for equipment installation	1.93	17	21	5.35		
T0262	Adjust carrier-level detectors	1.93	6	11	5.06		

I0459	Remove or replace patch panels	1.93	17	23	5.02
D0162	Troubleshoot or repair detectors or discriminators	1.90	12	13	6.26
J0536	Perform baseband loading procedures	1.90	7	9	5.07

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			'AFOMS (AETC) Randolph AFB TX'			
D						
T Tsk		TNG	1-	48-	TSK	
Y Nbr	Task Title	EMP	24	48	DIF	
F0212	Operationally check fault indicator panels (FIPs)	1.90	29	30	4.00	
C0125	Troubleshoot or repair brake systems	1.90	11	18	5.92	
C0119	Remove or replace brake systems	1.90	12	17	5.23	
O0719	Perform site surveys for ground systems	1.90	11	17	5.00	
D0155	Remove or replace pre- or post-selectors	1.90	25	24	4.62	
F0226	Perform PMIs on LMUs	1.88	9	7	4.56	
N0674	Pick up, deliver, or store equipment, tools, parts, or supplies	1.88	43	45	3.20	
I0370	Adjust equipment alarm circuits or automatic fault sensing and switching networks	1.88	10	14	5.20	
F0232	Remove or replace COMSEC controls	1.88	14	15	4.94	
B0061	De-ice antennas	1.88	31	32	3.00	
D0149	Remove or replace detectors or discriminators	1.88	12	15	4.74	
E0183	Remove or replace line-voltage regulators	1.88	10	14	4.43	
A0044	Troubleshoot user-calibrated test equipment	1.85	29	28	5.70	
Q0784	Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) Program	1.85	7	11	5.17	
O0681	Conduct mobility or deployment site surveys	1.85	6	14	5.67	
I0469	Remove or replace general purpose power supplies	1.85	17	20	4.23	
J0565	Submit satellite access requests	1.85	12	21	5.08	
K0599	Interpret blueprints, cabling, circuit or wiring schematic diagrams	1.85	23	23	6.28	
I0415	Perform PMIs on equipment alarm circuits or automatic fault sensing and switching networks	1.85	7	12	4.30	
A0014	Install cross-connections	1.83	12	15	4.39	
A0010	Inspect waveguide switching networks	1.83	21	26	4.88	
E0194	Troubleshoot or repair automatic leveling systems	1.83	10	10	6.29	
C0128	Troubleshoot or repair software configuration systems	1.83	6	12	6.25	
I0423	Perform PMIs on oscillators	1.83	19	18	4.21	
J0548	Perform orderwire noise level tests	1.80	12	11	5.51	
D0160	Troubleshoot power divider assemblies	1.80	21	18	6.18	
I0504	Troubleshoot or repair power distribution panels	1.80	17	18	5.70	
D0153	Remove or replace limiters	1.80	12	20	4.34	
I0391	Adjust uninterruptible power supplies (UPSs)	1.80	12	12	5.27	
H0318	Remove or replace computer interface equipment	1.78	8	11	4.83	
N0672	Maintain documentation on items requiring periodic inspections or calibrations	1.78	26	30	4.06	
A0041	Remove or replace surface-mounted devices on circuit boards	1.78	12	20	5.49	
A0001	Adjust cable assemblies or internal wiring	1.78	46	51	2.10	
B0103	Visually inspect antenna radomes	1.78	19	22	2.68	
N0673	Maintain organizational equipment or supply records	1.76	13	20	4.17	
K0611	Prepare job completion documentation	1.76	12	20	4.88	
F0207	Operationally check automatic send and receive (ASR) units	1.76	8	8	4.62	ABOVE AVERAGE (MEAN)
M0661	Review TO changes	1.73	28	36	3.92	
T0443	Remove or replace fiber-optic system components	1.73	7	11	4.91	



E0175	Perform PMIs on ALCs	1.73	13	11	4.50
K0598	Install or remove power generating equipment	1.71	15	18	5.33

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T Tsk		TNG	1-	48-	TSK
Y Nbr	Task Title	EMP	24	48	DIF
F0210	Operationally check dual COMSEC switching units (DCSUs)	1.71	9	11	4.51
A0045	Troubleshoot or repair blower motors	1.71	24	31	4.61
L0630	Maintain due-in-from-maintenance (DIFM) transaction reports	1.68	9	19	5.18
I0462	Remove or replace RF combiners	1.68	16	20	4.88
L0640	Update personnel data files in CAMS, REMIS, IMMP, or GO81	1.68	32	40	4.51
J0544	Perform idle channel noise tests	1.68	10	10	5.46
I0377	Adjust line conditioning equipment	1.68	5	7	5.32
H0285	Adjust fiber-optic receivers or transmitters	1.68	8	12	5.61
I0394	Operate computer processors	1.66	4	11	4.82
F0220	Operationally check remote interface units (RIUs)	1.66	22	19	4.65
C0112	Adjust software configuration systems	1.66	12	16	5.83
F0233	Remove or replace DCSUs	1.66	7	11	4.65
O0721	Perform cover and concealment techniques for work party security	1.66	16	15	4.15
F0221	Operationally check status display units (SDUs)	1.66	21	21	4.53
H0341	Troubleshoot or repair computer interface equipment	1.66	6	8	6.11
L0642	Verify accuracy of CAMS, REMIS, IMMP, or GO81 daily inputs	1.63	21	27	4.61
A0050	Troubleshoot or repair light bulbs	1.63	46	51	.35
H0289	Adjust level converters	1.63	17	19	5.02
K0597	Install or remove power distribution systems	1.63	14	15	5.28
D0139	Adjust interference suppression devices	1.63	11	12	5.11
I0470	Troubleshoot attenuators	1.61	16	19	4.61
Q0766	Conduct safety inspections of equipment or facilities	1.61	9	13	4.55
K0588	Form and fan equipment cables	1.61	4	9	4.96
E0185	Remove or replace power combiners	1.61	17	16	4.60
O0713	Perform disease or pestilence countermeasures	1.61	12	12	4.35
E0195	Troubleshoot or repair cooling air circulation systems	1.61	21	18	5.82
K0571	Assemble and install interconnects	1.61	7	9	4.16
J0535	Perform audio frequency tests	1.61	10	10	4.62
B0082	Remove or replace multicouplers	1.59	12	12	3.97
J0532	Perform post-pass procedures	1.59	7	5	4.69
A0036	Remove or replace cross-connections	1.59	13	16	3.50
K0600	Interpret logic diagrams	1.59	15	15	6.12
O0728	Process classified materials or documents at deployed locations	1.59	7	13	4.87
H0312	Perform PMIs on encoders or decoders	1.59	14	16	4.70
L0633	Retrieve CAMS, REMIS, IMMP, or GO81 listings or reports	1.59	29	38	4.68
I0501	Troubleshoot or repair oscillators	1.59	17	18	6.11
N0665	Develop equipment checklists	1.59	18	22	5.13
H0297	Adjust shift keying modems	1.59	25	23	5.30
J0547	Perform noise-to-power ratio (NPR) tests	1.59	7	10	5.79
Q0763	Conduct self-inspections or self-assessments	1.59	10	16	4.59

I0507	Troubleshoot or repair RF combiners	1.59	17	18	5.96
C0127	Troubleshoot or repair SCR cabinets	1.59	7	9	6.30
F0214	Operationally check line modem units (LMUs)	1.56	17	14	4.34

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T Tsk		TNG	1-	48-	TSK
Y Nbr	Task Title	EMP	24	48	DIF
I0426	Perform PMIs on RF combiners	1.56	13	18	4.41
N0668	Identify and report equipment or supply problems	1.56	34	37	4.72
B0077	Remove or replace dehydrators or pressurizers	1.56	17	22	4.49
C0111	Adjust phase shifters	1.56	10	14	5.95
F0223	Operationally check time standard modulators (TSMs)	1.56	12	14	4.30
M0656	Maintain time compliance technical orders (TCTOs)	1.54	19	28	4.09
D0152	Remove or replace interference suppression devices	1.54	9	11	4.37
G0275	Monitor radio communication transmissions	1.54	14	14	2.89
O0727	Prepare sites at deployed locations, such as cutting grass or removing snow	1.54	12	19	2.49
J0527	Coordinate operational schedule changes with area controlling agencies	1.54	4	9	5.00
F0246	Remove or replace TSMs	1.51	8	11	4.54
E0170	Adjust automatic leveling controls (ALCs)	1.51	13	11	5.31
F0242	Remove or replace RT controls	1.51	7	9	4.73
F0264	Troubleshoot or repair RT controls	1.51	10	10	6.15
I0429	Perform PMIs on UPSs	1.51	14	18	4.14
F0225	Perform PMIs on ESAs	1.51	4	5	4.48
K0590	Install or remove cable ladders	1.49	10	8	4.53
I0390	Adjust transmit or receive path equalizers	1.49	7	9	5.45
E0180	Remove or replace cooling air circulation system components	1.49	21	21	4.54
H0309	Perform PMIs on bit synchronizers	1.49	13	12	4.58
H0281	Adjust amplitude or delay equalizers	1.49	7	11	5.47
J0533	Perform pre-pass procedures	1.49	7	6	4.67
M0647	Establish or maintain accountability records for classified materials or documents	1.49	12	19	5.05
J0534	Perform amplitude linearity tests	1.46	5	6	5.18
O0716	Perform path profile procedures	1.46	4	5	5.62
O0695	Dig trenches, such as around tents and shelters	1.46	18	20	2.00
M0655	Maintain publications libraries, other than TO libraries	1.46	14	23	4.01
I0487	Troubleshoot or repair fiber-optic systems	1.46	8	14	6.37
I0410	Perform PMIs on attenuator pads	1.44	5	8	3.90
H0348	Troubleshoot or repair level converters	1.44	16	18	6.05
H0328	Remove or replace level converters	1.44	18	19	4.38
C0121	Remove or replace silicon control rectifier (SCR) cabinet components	1.44	7	8	5.52
H0301	Configure echo suppressors	1.44	8	10	4.91
D0165	Troubleshoot or repair interference suppression devices	1.44	12	12	6.26
J0518	Configure computer based data processing equipment	1.41	7	10	5.17
F0251	Troubleshoot or repair COMSEC controls	1.41	13	10	6.04
H0303	Operate bit synchronizers	1.41	17	18	4.40
D0159	Troubleshoot limiters	1.41	14	15	6.10
I0361	Adjust battery charging systems	1.39	9	13	5.11
O0694	Develop mobility inspection checklists	1.37	4	7	5.65

H0340	Troubleshoot or repair bit synchronizers	1.37	12	10	5.99
I0512	Troubleshoot or repair UPSs	1.37	9	11	6.17
H0321	Remove or replace echo suppressors	1.37	6	8	4.49

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Tsk Y Nbr	Task Title	TNG EMP	1- 24	48- 48	TSK DIF
I0509	Troubleshoot or repair synthesizers	1.37	21	21	6.09
L0641	Update workcenter training reports in CAMS, REMIS, IMMP, or GO81	1.37	22	32	4.59
F0269	Troubleshoot or repair TSMs	1.37	7	10	6.05
F0211	Operationally check emergency action message (EAM) equipment	1.37	10	12	4.35
A0019	Perform equipment cannibalization activities	1.34	32	41	4.43
F0222	Operationally check supervisory status panels (SSPs)	1.32	4	6	4.64
M0662	Review TO improvement reports, such as AFTO Forms 22	1.32	19	23	4.28
C0120	Remove or replace phase shifters	1.32	8	14	5.32
I0457	Remove or replace oscillators	1.32	17	22	4.76
H0339	Troubleshoot or repair amplitude or delay equalizers	1.32	4	7	5.88
C0122	Remove or replace software configuration systems	1.29	10	14	4.91
B0076	Remove or replace de-icers or heaters	1.29	21	23	4.52
F0224	Perform emergency MPU bypass procedures	1.29	2	3	5.61
I0413	Perform PMIs on distribution frames and associated wiring	1.29	5	8	4.23
P0745	Determine training requirements	1.29	7	10	5.22
J0525	Configure recording equipment	1.29	6	10	4.76
P0753	Evaluate progress of trainees	1.29	2	9	4.96
I0483	Troubleshoot or repair distribution frames and associated wiring	1.29	2	6	6.18
F0245	Remove or replace TDSPPs	1.29	4	7	4.60
H0322	Remove or replace encoders or decoders	1.27	16	14	4.55
H0302	Configure encoders or decoders	1.27	18	17	5.05
F0208	Operationally check command post synchronizers	1.27	5	6	4.63
A0048	Troubleshoot or repair cross-connections	1.27	11	16	4.28
H0288	Adjust in-band signaling and control circuits	1.27	4	8	5.30
J0515	Compose and transmit messages using teletype equipment	1.27	12	14	3.30
A0025	Perform PMIs on cross-connections	1.27	17	19	3.03
L0623	Analyze core automated maintenance system (CAMS), Reliability and Maintainability Information System (REMIS), Improved Maintenance Management Program (IMMP), or GO81 data	1.27	18	23	5.65
F0237	Remove or replace LMUs	1.27	6	6	4.64
Q0785	Evaluate personnel for compliance with performance standards	1.27	1	4	4.77
I0453	Remove or replace mixers	1.27	10	11	4.79
F0258	Troubleshoot or repair force synchronizers	1.24	2	2	6.20
C0124	Troubleshoot phase shifters	1.24	10	13	6.26
F0268	Troubleshoot or repair TDSPPs	1.24	7	9	6.15
I0476	Troubleshoot or repair carrier-level detectors	1.24	5	7	5.87
E0192	Troubleshoot magic-T networks	1.24	5	5	5.83
I0387	Adjust signaling subsystems	1.24	4	4	5.49
K0595	Install or remove line conditioning equipment	1.24	7	7	5.03
I0411	Perform PMIs on automatic or manual transfer units or switching panels	1.24	4	5	4.49

F0217	Operationally check message processor units (MPUs)	1.24	6	6	4.49
D0151	Remove or replace frame sychros	1.24	11	11	4.47
H0329	Remove or replace level inverters	1.24	7	10	4.63

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T Tsk		TNG	1-	48-	TSK
Y Nbr	Task Title	EMP	24	48	DIF
H0343	Troubleshoot or repair echo suppressors	1.24	10	10	6.19
J0543	Perform harmonic distortion tests	1.24	7	8	6.04
P0756	Personalize lesson plans	1.22	1	4	4.87
N0664	Coordinate maintenance of equipment with appropriate agencies	1.22	18	26	4.31
H0317	Remove or replace bit synchronizers	1.22	11	11	4.65
I0481	Troubleshoot or repair cryptographic equipment	1.22	11	13	6.50
A0003	Adjust cross-connections	1.22	12	18	2.62
B0091	Troubleshoot or repair antenna radomes	1.22	8	10	5.64
H0286	Adjust four way/four wire bridges	1.20	2	6	5.37
F0230	Remove or replace central processing units (CPUs)	1.20	13	14	4.89
I0428	Perform PMIs on station batteries	1.20	8	11	4.25
K0593	Install or remove electrical conduits	1.20	12	12	4.62
B0097	Troubleshoot or repair de-icers or heaters	1.20	22	21	5.48
F0259	Troubleshoot or repair LMUs	1.20	7	5	6.28
H0295	Adjust out-of-band signaling and control circuits	1.20	8	11	5.48
J0558	Perform terminal impedance tests	1.17	11	10	5.18
K0612	Prepare post-installation documentation	1.17	7	10	5.07
H0284	Adjust echo suppressors	1.17	8	10	5.35
H0291	Adjust line isolation assemblies or battery isolation relay assemblies	1.17	2	6	5.26
I0471	Troubleshoot or repair AFCs	1.17	2	3	5.68
H0290	Adjust level regulators	1.15	6	9	4.97
M0644	Complete accident or incident reports	1.15	26	30	4.53
J0564	Submit gateway access requests	1.15	5	7	4.87
F0205	Adjust time distribution subsystem pre-processors (TDSPPs)	1.15	7	9	5.41
F0229	Remove or replace ASR units	1.15	2	4	4.68
H0342	Troubleshoot or repair E-and-M signaling and control circuits	1.12	3	6	6.01
I0468	Remove or replace UPS components	1.12	6	9	4.69
H0316	Remove or replace amplitude or delay equalizers	1.12	5	8	4.80
H0336	Remove or replace series or parallel converters	1.12	7	10	4.60
H0320	Remove or replace E-and-M signaling and control circuits	1.12	2	8	4.73
I0485	Troubleshoot or repair equipment alarm circuits or automatic fault sensing and switching networks	1.12	8	10	6.15
F0249	Troubleshoot or repair ASR units	1.12	3	3	6.00
I0497	Troubleshoot or repair mixers	1.12	9	12	5.96
O0718	Perform predeployment reconnaissance surveys	1.10	5	7	5.10
F0252	Troubleshoot or repair CPUs	1.10	6	9	6.47
L0636	Update EIL and master PMI listings	1.10	10	23	4.58
P0744	Counsel trainees on training progress	1.10	4	10	4.60
I0399	Perform PMIs on digital recorders or printers	1.10	2	6	4.60
F0263	Troubleshoot or repair RIUs	1.10	7	5	6.13
I0466	Remove or replace test translators	1.07	14	13	4.71
M0646	Establish or maintain automated technical order	1.07	11	17	4.76



	management system (ATOMS) accounts				
Q0788	Implement safety or security programs	1.07	7	12	4.86
F0236	Remove or replace force synchronizers	1.07	3	3	4.62

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			'AFOMS (AETC) Randolph AFB TX'		
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T Tsk		TNG	1-	48-	TSK
Y Nbr	Task Title	EMP	24	48	DIF
F0265	Troubleshoot or repair SDUs	1.07	4	4	6.23
L0627	Identify problem areas using deficiency, service, or status reports, such as reports of deficiency (RODs) or product quality deficiency reports (PQDRs), other than equipment or supply	1.07	10	13	6.15
F0243	Remove or replace SDUs	1.07	4	5	4.83
Q0787	Evaluate maintenance or utilization of equipment, tools, parts, supplies, or workspace	1.07	3	7	5.10
F0255	Troubleshoot or repair EAM equipment	1.07	7	7	6.13
Q0791	Inspect personnel for compliance with military standards	1.07	8	10	4.17
F0231	Remove or replace command post synchronizers	1.07	3	4	4.94
H0298	Adjust two wire/four wire conversion and termination circuits	1.05	14	15	5.04
M0654	Maintain administrative files	1.05	12	20	4.03
I0420	Perform PMIs on line conditioning equipment	1.05	3	7	4.27
L0628	Initiate or annotate aircraft flight or maintenance records, such as AFTO Forms 781 (Aircrew/Mission Flight Data Document) or 349 (Maintenance Data Collection Record)-series	1.05	4	7	5.53
H0349	Troubleshoot or repair level inverters	1.05	5	9	6.11
H0313	Perform PMIs on four way/four wire bridges	1.05	4	7	4.60
M0649	Initiate classified reports, messages, or documents	1.05	9	15	5.30
B0058	Assemble antenna radomes	1.02	12	10	5.28
I0442	Remove or replace equipment alarm circuits or automatic fault sensing and switching networks	1.02	5	8	4.72
H0282	Adjust bit synchronizers	1.02	16	13	5.23
H0330	Remove or replace line or battery isolation relay assemblies	1.02	7	7	4.67
I0414	Perform PMIs on diversity combiners	1.02	6	6	4.60
F0234	Remove or replace digital interface units (DIUs)	1.02	5	8	4.72
Q0770	Determine or establish work assignments or priorities	1.02	2	3	5.16
P0754	Inspect training materials or aids for operation or suitability	1.02	0	4	5.05
K0592	Install or remove distribution frames and associated wiring	1.02	7	9	5.05
I0448	Remove or replace line conditioning equipment	1.02	5	8	4.61
H0324	Remove or replace four way/four wire bridges	1.02	6	7	4.53
I0397	Perform PMIs on computer processors	1.02	3	5	4.68
F0235	Remove or replace ESAs	1.02	3	5	4.52
H0347	Troubleshoot or repair in-band signaling and control circuits	1.02	2	6	6.15
I0430	Remove or replace AFCs	1.00	4	4	4.83
I0374	Adjust hybrid bridges	1.00	3	3	5.22
C0126	Troubleshoot or repair interrogators	1.00	4	6	6.37
O0706	Maintain disaster preparedness checklists	1.00	7	12	4.18
T0555	Update performance data	1.00	8	15	4.71

I0434	Remove or replace battery charging systems	1.00	6	11	4.97
F0244	Remove or replace SSPs	1.00	2	2	4.70
O0693	Develop maintenance plans	1.00	3	6	6.08

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Task Title

EMP

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DIF

I0433	Remove or replace automatic or manual transfer units or switching panels	1.00	4	7	4.76
F0254	Troubleshoot or repair DIUs	.98	4	4	6.32
I0506	Troubleshoot or repair remote control devices	.98	7	9	5.94
Q0806	Write replies to inspection reports	.98	2	1	5.39
H0346	Troubleshoot or repair hubbing or multiparty equipment	.98	4	5	6.28
H0350	Troubleshoot or repair line or battery isolation relay assemblies	.98	4	6	6.07
B0070	Remove or replace antenna radomes	.98	8	10	4.52
H0326	Remove or replace hubbing or multiparty equipment	.98	5	5	4.84
H0344	Troubleshoot or repair encoders or decoders	.98	12	11	6.12
F0213	Operationally check force synchronizers	.98	5	6	4.40
H0345	Troubleshoot or repair four way/four wire bridges	.98	6	8	6.15
I0427	Perform PMIs on remote control devices	.98	8	9	4.06
I0473	Troubleshoot or repair automatic or manual transfer units or switching panels	.98	4	8	6.02
H0283	Adjust Ear-and-Mouth (E-and-M) signaling and control circuits	.98	3	10	5.10
I0449	Remove or replace line equalizers	.98	3	5	4.57
O0705	Load plan aircraft for deployments	.98	2	4	6.34
F0238	Remove or replace message processor controls	.95	4	5	4.91
P0750	Establish or maintain study reference files	.95	2	5	5.00
F0216	Operationally check message processor controls	.95	4	6	4.41
I0436	Remove or replace carrier-level detectors	.95	5	7	4.81
F0267	Troubleshoot or repair SSPs	.95	2	3	6.14
I0463	Remove or replace signaling subsystem components	.95	5	7	4.90
I0445	Remove or replace hybrid bridges	.95	4	3	4.75
I0461	Remove or replace remote control devices	.95	8	10	4.53
L0629	Initiate or coordinate deficiency, service, or status reports, such as RODs or PQDRs	.95	7	12	5.75
L0625	Develop equipment inventory listings (EILs) and master PMI listings	.95	10	14	5.67
F0241	Remove or replace RIUs	.95	5	4	4.75
F0257	Troubleshoot or repair FIPs	.95	3	4	6.17
F0256	Troubleshoot or repair ESAs	.93	3	3	6.23
E0184	Remove or replace magic-T networks	.93	5	6	4.69
F0204	Adjust electrostatic surge arrestors (ESAs)	.93	7	6	5.43
K0580	Determine power source requirements for equipment operation	.93	7	13	6.67
M0660	Prepare administrative or classified materials or documents for mailing, transporting, or issue	.93	7	10	4.49
Q0781	Establish performance standards for subordinates	.93	0	2	5.12
I0425	Perform PMIs on printers	.93	10	15	3.99
I0474	Troubleshoot or repair battery charging systems	.90	7	10	5.71
Q0786	Evaluate personnel for promotion, demotion, reclassification, or special awards	.90	1	2	5.11
L0622	Adjust daily maintenance plans to meet operational	.90	14	15	5.35

commitments

I0367	Adjust digital recorders or printers	.90	6	7	4.96
F0247	Schedule satellite users	.90	6	6	5.25

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TNG

1-

48-

TSK

Y Nbr

Task Title

EMP

24

48

DIF

K0613	Prepare pre-implementation documentation	.90	7	9	5.16
H0334	Remove or replace out-of-band signaling and control circuits	.88	5	7	4.43
H0357	Troubleshoot or repair two wire/four wire conversion and termination circuits	.88	5	9	6.21
I0437	Remove or replace CCVSS	.88	2	3	4.61
I0368	Adjust diversity combiners	.85	4	6	5.36
I0492	Troubleshoot or repair line conditioning equipment components	.85	6	8	6.14
I0460	Remove or replace printers	.85	11	16	4.09
K0572	Coordinate instrumentation checkouts with other test teams	.85	7	8	4.84
H0356	Troubleshoot or repair series or parallel converters	.85	11	10	6.16
M0643	Compile data for records, reports, logs, or trend analyses	.85	19	24	5.18
F0215	Operationally check magnetic tape memories (MTMs)	.85	7	8	4.16
I0450	Remove or replace magnetic data tape recorders	.83	6	6	4.66
I0464	Remove or replace station batteries	.83	12	12	4.62
F0260	Troubleshoot or repair message processor controls	.83	6	5	6.15
I0467	Remove or replace transducers	.83	7	7	4.75
I0403	Perform PMIs on magnetic data tape recorders	.83	2	5	4.89
H0287	Adjust hubbing or multiparty equipment	.83	5	5	5.50
A0029	Reconstruct traces on circuit boards	.83	4	6	7.35
Q0773	Develop self-inspection or self-assessment program checklists	.83	2	4	5.39
O0697	Draft mobility or deployment after-action reports	.83	2	6	4.97
N0666	Establish requirements for equipment, tools, parts or supplies	.80	17	24	5.00
I0418	Perform PMIs on hybrid bridges	.80	2	3	4.54
L0624	Clear Red-X or hazardous conditions	.80	5	7	5.87
I0419	Perform PMIs on hybrid term units	.80	2	3	4.55
H0311	Perform PMIs on word selectors	.80	3	4	4.68
I0505	Troubleshoot or repair printers	.80	11	14	5.87
H0337	Remove or replace two wire/four wire conversion and termination circuits	.80	5	8	4.53
I0366	Adjust countdown clocks	.78	6	5	5.15
I0376	Adjust laser systems	.78	2	2	5.75
I0451	Remove or replace magnetic mass storage	.78	2	2	4.69
Q0805	Write recommendations for awards or decorations	.78	0	1	5.98
G0273	Inspect life support equipment	.78	5	6	4.40
K0606	Perform post-installation operational tests	.76	10	11	5.92
Q0782	Establish procedures for accountability of equipment, tools, parts, or supplies	.76	7	11	4.78
I0440	Remove or replace digital recorders or printers	.76	3	7	4.63
Q0768	Counsel subordinates concerning personal matters	.76	2	3	5.17
I0500	Troubleshoot or repair optical systems	.76	1	3	6.61
F0228	Remove or replace MTMs	.76	2	2	4.60

P0751	Evaluate training methods or techniques of instructors	.76	1	5	5.73
I0393	Calibrate transducers	.76	3	3	5.79
I0369	Adjust elapsed-time clocks	.76	3	4	5.20

D

T Tsk		TNG	1-	48-	TSK
Y Nbr	Task Title	EMP	24	48	DIF
F0250	Troubleshoot or repair command post synchronizers	.73	4	4	6.11
I0382	Adjust optical systems	.73	3	3	5.44
I0364	Adjust closed circuit video systems (CCVSS)	.73	2	3	5.34
I0508	Troubleshoot or repair signaling subsystems	.73	6	7	6.16
I0389	Adjust transducers	.73	5	6	5.40
K0570	Assemble and install cable troughs	.71	8	10	4.03
M0658	Maintain or update status indicators, such as boards, graphs, or charts	.71	12	20	3.84
H0354	Troubleshoot or repair out-of-band signaling and control circuits	.71	7	7	6.34
I0510	Troubleshoot or repair test translators	.71	20	16	5.99
I0398	Perform PMIs on countdown clocks	.71	3	3	4.51
P0740	Brief personnel concerning training programs or matters	.71	2	10	3.99
M0651	Initiate or maintain standby rosters or workcenter pyramid recall rosters	.71	13	23	3.67
Q0775	Develop or establish work methods or procedures	.71	2	6	5.65
F0261	Troubleshoot or repair MTMs	.71	3	3	6.31
I0386	Adjust private branch exchange (PBX) systems or switchboard interface equipment	.68	1	3	5.44
I0422	Perform PMIs on magnetic mass storage	.68	3	3	4.68
I0446	Remove or replace infrared systems	.68	2	2	5.04
I0456	Remove or replace optical systems	.68	3	3	5.10
P0747	Develop training programs, plans, or procedures	.68	7	10	6.24
I0447	Remove or replace laser systems	.68	2	2	5.46
Q0783	Evaluate inspection report findings or inspection procedures	.68	2	3	5.26
I0493	Troubleshoot or repair line equalizers	.68	4	4	6.12
P0749	Develop or procure training materials or aids	.68	4	9	5.62
I0421	Perform PMIs on magnetic data tape recorders	.68	5	5	4.63
I0489	Troubleshoot or repair hybrid bridges	.68	2	2	6.23
I0385	Adjust printers	.68	11	16	5.06
I0378	Adjust magnetic data tape recorders	.66	5	5	5.39
G0274	Inspect ramp areas for foreign object damage (FOD) matter	.66	4	5	2.11
G0270	Brief crew members or passengers on emergency procedures	.66	10	14	3.79
A0040	Remove or replace pumps	.66	9	11	3.85
Q0776	Develop or establish work schedules	.66	1	4	4.65
H0299	Adjust word selectors	.66	2	2	5.21
I0407	Perform PMIs on optical systems	.66	4	5	4.71
Q0797	Review mobility, contingency, disaster preparedness, or unit emergency or alert plans	.66	1	5	5.30
F0266	Troubleshoot or repair selective message routers (SMRs)	.63	6	3	6.24
I0438	Remove or replace command destruct systems	.63	5	4	4.75
M0662	Write minutes of briefings, conferences, or meetings	.63	6	10	4.06



I0494	Troubleshoot or repair magnetic data tape recorders	.61	5	5	6.42
G0277	Perform post-flight equipment checkouts	.61	5	4	4.92

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Tsk Y Nbr	Task Title	TNG EMP	1- 24	48- 48	TSK DIF
P0752	Evaluate effectiveness of training programs, plans, or procedures	.59	2	5	5.88
I0402	Perform PMIs on laser systems	.59	4	3	4.90
I0400	Perform PMIs on elapsed-time clocks	.59	1	2	4.52
Q0760	Assign personnel to work areas or duty positions	.59	1	3	4.51
P0748	Develop written tests	.59	2	3	6.08
I0404	Perform PMIs on mission console workstations	.59	4	5	4.68
M0659	Participate in TCTO meetings	.59	4	6	3.93
H0327	Remove or replace in-band signaling and control circuits	.59	2	7	4.73
I0477	Troubleshoot or repair CCVSS	.59	2	2	6.09
I0401	Perform PMIs on infrared systems	.59	2	2	4.53
Q0769	Determine or establish logistics requirements, such as personnel, equipment, tools, parts, supplies, or workspace	.59	3	3	5.52
H0338	Remove or replace word selectors	.56	2	2	4.54
P0742	Conduct formal course classroom training	.56	4	7	5.21
Q0764	Conduct staff assistance visits, inspections, or audits	.56	1	1	5.38
Q0767	Conduct supervisory orientations for newly assigned personnel	.56	2	2	4.32
I0455	Remove or replace optical disk recorders	.56	3	2	4.66
K0569	Analyze test requirements to determine support such as equipment, facilities, or personnel	.56	5	8	5.96
I0482	Troubleshoot or repair digital recorders or printers	.54	3	6	6.29
I0452	Remove or replace mission console workstations	.54	4	7	4.68
I0379	Adjust mission console workstations	.54	2	5	5.28
I0479	Troubleshoot or repair computer processors	.54	5	6	6.45
I0375	Adjust infrared systems	.54	2	2	5.37
I0439	Remove or replace countdown clocks	.54	2	3	4.61
P0757	Prepare job qualification standards (JQSs)	.54	2	9	5.64
Q0761	Assign sponsors for newly assigned personnel	.54	0	1	3.13
G0278	Perform pre-flight equipment checkouts	.51	7	5	5.01
I0406	Perform PMIs on optical disk recorder	.51	1	2	4.62
Q0790	Initiate actions required due to substandard performance of personnel	.51	0	1	5.35
Q0792	Interpret policies, directives, or procedures for subordinates	.51	2	4	4.91
Q0798	Review drafts of supplements or changes to directives, such as policy directives, instructions, or manuals	.51	2	3	5.47
Q0804	Write or indorse military performance reports	.51	1	1	5.84
A0051	Troubleshoot or repair pumps	.51	8	11	4.22
I0381	Adjust optical disk recorders	.51	2	2	5.36
Q0789	Initiate personnel action requests	.51	1	1	4.90
I0441	Remove or replace elapsed-time clocks	.51	2	3	4.69
H0305	Operate word selectors	.51	2	2	4.33
H0358	Troubleshoot or repair word selectors	.51	2	2	4.33

I0496	Troubleshoot or repair mission console workstations	.49	3	6	6.51
I0502	Troubleshoot or repair oscillograph recorders	.49	2	3	6.41
Q0771	Develop organizational or functional charts	.49	2	2	4.72

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Tsk Y Nbr	Task Title	TNG EMP	1- 24	48- 48	TSK DIF
P0739	Administer or score tests	.49	2	4	3.09
I0511	Troubleshoot or repair transducers	.49	8	7	6.21
O0717	Perform plans file and mobility file matches	.49	2	3	4.52
M0652	Initiate requests for temporary duty (TDY) orders	.46	7	8	4.39
L0634	Review aircraft flight or maintenance records, such as AFTO Forms 781 or 349-series	.46	4	6	4.91
O0698	Initiate or process acquisition documents, such as requests for proposals (RFPs)	.46	1	1	5.72
I0395	Perform PMIs on CCVSS	.46	3	2	4.56
K0603	Operationally check safe and arm devices	.46	2	5	5.08
O0699	Initiate or process modification management documents (MMDs)	.46	2	1	6.10
I0371	Adjust facsimile equipment	.46	4	8	5.19
I0480	Troubleshoot or repair countdown clocks	.44	5	3	6.35
K0616	Prepare work phase documentation	.44	4	7	5.64
I0490	Troubleshoot or repair infrared systems	.44	2	2	6.46
K0586	Evaluate test safety requirements	.44	8	9	6.39
K0618	Set up or tear down KTM systems	.44	3	2	5.56
O0738	Update SORTS reports	.44	5	8	5.12
I0486	Troubleshoot or repair facsimile equipment	.44	5	6	6.29
O0687	Coordinate mobility or contingency requirements with appropriate agencies	.44	2	3	5.71
Q0793	Investigate accidents or incidents	.44	0	1	5.09
O0676	Brief deploying personnel	.41	2	3	4.22
G0276	Perform aircrew safety observer procedures	.41	2	2	3.57
O0686	Coordinate limited technical inspection (LTI) vehicle inspections with vehicle maintenance	.41	3	6	4.89
K0607	Perform pre-implementation surveys	.41	4	4	5.93
Q0765	Conduct supervisory performance feedback sessions	.41	0	1	4.85
O0733	Review requirement documents	.41	3	5	5.39
K0576	Coordinate test parameters with test directors	.39	2	5	5.75
Q0762	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	.39	4	4	4.46
Q0774	Develop inputs to mobility, contingency, disaster preparedness, or unit emergency or alert plans	.39	2	3	5.10
P0758	Write training reports	.39	1	2	5.47
G0279	Secure equipment for takeoff or landing	.39	6	4	3.77
I0495	Troubleshoot or repair magnetic mass storage	.39	2	2	6.47
O0677	Compile or prepare status of resources training systems (SORTSs)	.39	2	5	5.34
Q0801	Write job or position descriptions	.39	3	3	5.64
I0384	Adjust oscillograph recorders	.37	2	2	5.53
L0626	Evaluate new, modified, or prototype equipment	.37	9	9	6.88
O0679	Compute OPLAN requirements status listings	.37	2	1	5.82
K0621	Site KTM systems	.37	2	2	5.59
Q0780	Establish organizational policies, such as operating instructions (OTs) or standard operating procedures	.34	1	3	6.36

(SOPs)

I0365	Adjust command destruct systems	.34	3	3	5.30
P0741	Complete student entry or withdrawal forms	.34	3	3	3.51

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T Tsk Y Nbr	Task Title	TNG EMP	1- 24	48- 48	TSK DIF
Q0800	Write inspection reports	.32	2	2	5.61
I0380	Adjust munitions firing systems	.32	3	3	5.37
I0484	Troubleshoot or repair elapsed-time clocks	.32	1	2	6.14
O0690	Determine specific source of personnel requirements for deployment manning documents	.32	2	2	6.07
O0678	Complete operations plan (OPLAN) sourcing requirements	.32	2	1	5.98
K0619	Set up or tear down range radars	.32	3	2	5.61
K0583	Draft systems diagrams	.32	2	6	7.77
O0707	Maintain accountability of personnel selected to fill OPLAN requirements	.29	1	2	4.62
Q0779	Draft supplements or changes to directives, such as policy directives, instructions, or manuals	.29	1	1	6.34
O0691	Develop contingency exercise mobility (CEM) orders	.29	2	2	5.87
O0675	Assign personnel to mobility or contingency positions	.29	2	2	4.26
K0573	Coordinate project support agreements (PSAs) with appropriate agencies	.29	3	4	5.66
I0408	Perform PMIs on oscillograph recorders	.27	1	2	4.66
O0720	Perform source selection evaluation team (SSET) activities	.27	1	2	5.38
O0732	Review engineer change proposals (ECPs)	.27	2	1	5.95
I0396	Perform PMIs on command destruct systems	.27	4	4	4.54
I0458	Remove or replace oscillograph recorders	.27	2	2	4.70
K0578	Design or construct electronic circuits	.27	6	7	8.03
I0454	Remove or replace munitions firing systems	.27	2	3	4.81
K0579	Design or construct mounting devices	.27	4	7	7.00
Q0803	Write or indorse civilian performance appraisals	.27	1	1	5.76
K0577	Coordinate test support with base or range agencies	.27	4	7	5.69
I0405	Perform PMIs on munitions firing systems	.27	2	3	4.78
I0478	Troubleshoot or repair command destruct systems	.24	4	3	6.11
B0075	Remove or replace cable trench sump pumps	.24	7	8	4.14
Q0799	Schedule personnel for TDY assignments, leaves, or passes	.24	1	2	4.77
Q0759	Annotate time and attendance sheets for civilian employees	.24	1	1	3.68
O0689	Determine cost factors for support agreements	.22	2	2	6.45
O0688	Coordinate specific source of personnel requirements with appropriate agencies	.20	2	2	5.59
Q0772	Develop resource protection programs	.20	2	1	5.08
K0614	Prepare project or scheme review documentation	.20	2	4	5.47
O0729	Provide OPLAN requirements status listings to unit commanders	.20	2	1	5.33
I0491	Troubleshoot or repair laser systems	.20	3	2	6.77
O0680	Conduct contingency operation or mobility planning and execution system (COMPES) programs	.17	2	3	5.95
K0604	Perform information system (IS) relocation project or scheme procedures	.17	2	2	6.48
O0684	Coordinate deployment of personnel with other MATCOMs	.17	2	2	5.90

	or joint service commands				
Q0794	Plan layouts of facilities	.17	2	1	5.96

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T Tsk		TNG	1-	48-	TSK
Y Nbr	Task Title	EMP	24	48	DIF
Q0802	Write staff studies, surveys, or routine reports, other than training or inspection reports	.17	2	2	6.13
A0009	Inspect flight safety wire	.17	7	6	4.11
I0499	Troubleshoot or repair optical disk recorders	.17	2	2	6.45
K0605	Perform IS removal project or scheme procedures	.17	2	2	6.28
O0685	Coordinate exercise sourcing requirements with functional managers	.17	2	2	5.74
K0608	Perform project or scheme reviews	.15	5	4	6.22
P0746	Develop formal course curricula, plans of instruction (POIs), or specialty training standards (STSs)	.15	2	3	6.40
I0498	Troubleshoot or repair munitions firing systems	.15	2	2	6.22
K0610	Perform static firing of munitions or ordinance devices	.15	5	5	5.57
K0574	Coordinate test directives with appropriate agencies	.15	6	7	5.58
K0575	Coordinate test item or equipment preparation with technical data agencies or engineers	.15	4	7	5.53
K0601	Operate KTM systems	.15	1	1	5.23
K0581	Draft blueprints, cabling, circuit or wiring schematic diagrams	.15	3	6	8.25
K0584	Evaluate condition and quality of instrumentation recordings	.12	6	5	7.03
K0568	Adjust kineto tracking mount (KTM) systems	.12	2	1	5.52
A0008	Inspect flight hardware	.12	3	5	5.03
Q0796	Review host-tenant or interservice agreements	.12	1	1	6.50
Q0795	Review budget requirements	.12	1	1	6.06
K0585	Evaluate test locations	.12	4	5	6.58
O0683	Coordinate area port joint inspections with area port squadrons	.10	3	2	5.35
B0096	Troubleshoot or repair cable trench sump pumps	.07	7	9	5.44
O0730	Request or distribute mobility requirements documents	.07	4	5	4.57
O0708	Maintain base OPLAN files	.07	1	2	4.90
O0731	Review contract action requests (CARs)	.07	2	1	5.54
K0582	Draft facility layouts	.05	3	3	7.73
O0724	Submit or process requirement documents	.05	2	3	5.48
O0723	Submit or process award fees	.02	1	2	5.50
Q0778	Draft host-tenant or interservice agreements	.00	1	1	6.99
G0280	Write or update flight manuals, safety and operational supplements, or flight crew checklists	.00	3	2	5.99
Q0777	Draft budget requirements	.00	1	1	6.72
K0602	Operate range radars	.00	2	2	5.58
G0271	Conduct aircrew mission briefings	.00	2	2	3.85
G0272	Coordinate correction of aircraft discrepancies or malfunctions with aircraft commander or job control	.00	1	2	4.70
O0701	Inspect launch support systems	.00	2	2	5.40
O0726	Submit or process incentive fees	.00	1	2	5.32





## Report Option Table

Factor Title			Mean	S.D.	Based on All Tasks Within Ran Option			
					Max	Min	Valid	
Primary Sort	F0067	2E1X1 Task Difficulty Ratings			5.00	1.00	8.25	- .62 806
Secondary Sort		Not Used			.00	.00	.00	.00 806
Print Suppress		Not Used						

## Description of Reported Factors

Col	Factor	Source vector	Title	Number Members	Mean	S.D.	Max	Min	Valid
1	TITLE		Task Statement						
2	F0067	TF0001/SMN	2E1X1 Task Difficulty Ratings	71	5.00	1.00	8.25	- .62	806
3	F0018	GP0018/PMP	All DAFSC 2E1X1 AD Amn with 1-24 Mos TAFMS	121	16.44	16.69	84.30	.00	806
4	F0020	GP0020/PMP	All DAFSC 2E1X1 AD Amn with 1-48 Mos TAFMS	377	18.84	17.47	86.74	.53	806
5	F0007	GP0007/PMP	All Active Duty Airmen with DAFSC 2E131	248	18.58	17.89	87.50	.00	806
6	F0008	GP0008/PMP	All Active Duty Airmen with DAFSC 2E151	465	17.66	14.74	77.85	.65	806
7	F0009	GP0009/PMP	All Active Duty Airmen with DAFSC 2E171	224	12.76	13.41	67.41	.45	806
8	F0066	TF0002/RMN	2E1X1 Training Emphasis Ratings	41	1.75	1.29	6.41	.00	806



AFSC 2E1X1 task difficulty ratings are presented below in descending order, along with the percent members performing for various career ladder groups. Also presented are first-term training emphasis ratings.

Each of the 71 experienced NCOs selected to complete task difficulty booklets rated each job inventory task on a nine-point scale from (1) extremely low difficulty to (9) extremely high difficulty. Difficulty was defined as the length of time it takes an average individual to learn to do the task. These NCOs were selected from a wide variety of commands and locations. To make these data easier to use, ratings were adjusted so that an average task difficulty equaled 5.00 and a standard deviation of 1.00. Thus, tasks rated below 4.00 are relatively easy, while tasks rated higher than 6.00 are fairly difficult.

D								
T Tsk		TSK	1-	1-	3-	5-	7-	TNG
Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP
K0581	Draft blueprints, cabling, circuit or wiring schematic diagrams	8.25	3	6	4	8	8	.15
K0578	Design or construct electronic circuits	8.03	6	7	4	8	6	.27
K0583	Draft systems diagrams	7.77	2	6	2	8	8	.32
K0582	Draft facility layouts	7.73	3	3	3	6	4	.05
A0029	Reconstruct traces on circuit boards	7.35	4	6	5	6	3	.83
K0584	Evaluate condition and quality of instrumentation recordings	7.03	6	5	4	4	6	.12
K0579	Design or construct mounting devices	7.00	4	7	5	8	7	.27
Q0778	Draft host-tenant or interservice agreements	6.99	1	1	0	2	9	.00
L0626	Evaluate new, modified, or prototype equipment	6.88	9	9	7	17	24	.37
I0491	Troubleshoot or repair laser systems	6.77	3	2	2	2	1	.20
Q0777	Draft budget requirements	6.72	1	1	1	5	44	.00
K0580	Determine power source requirements for equipment operation	6.67	7	13	10	15	12	.93
E0203	Troubleshoot or repair high-voltage power supplies	6.64	45	45	46	35	15	4.32
I0500	Troubleshoot or repair optical systems	6.61	1	3	2	4	4	.76
K0585	Evaluate test locations	6.58	4	5	3	7	9	.12
I0496	Troubleshoot or repair mission console workstations	6.51	3	6	7	3	3	.49
I0481	Troubleshoot or repair cryptographic equipment	6.50	11	13	15	10	5	1.22
Q0796	Review host-tenant or interservice agreements	6.50	1	1	1	3	21	.12
F0248	Troubleshoot or repair AFSATCOM systems to identify faulty units	6.49	23	23	25	16	5	3.07
K0604	Perform information system (IS) relocation project or scheme procedures	6.48	2	2	1	2	1	.17
F0252	Troubleshoot or repair CPUs	6.47	6	9	7	10	5	1.10
I0495	Troubleshoot or repair magnetic mass storage	6.47	2	2	3	1	0	.39
I0490	Troubleshoot or repair infrared systems	6.46	2	2	2	2	0	.44
I0499	Troubleshoot or repair optical disk recorders	6.45	2	2	2	2	1	.17
O0689	Determine cost factors for support agreements	6.45	2	2	1	3	13	.22
I0479	Troubleshoot or repair computer processors	6.45	5	6	4	7	2	.54
D0163	Troubleshoot or repair digital receivers	6.43	22	24	25	19	8	3.15
I0494	Troubleshoot or repair magnetic data tape recorders	6.42	5	5	5	4	2	.61
T0502	Troubleshoot or repair analog recorders	6.41	2	2	2	2	1	.48

E0200    Troubleshoot or repair transmitters

6.40       40    38       39    32    18    4.63

prtfac	2ElX1 Task Difficulty Ratings (Descending Order)	PF0002	'Occupational Analysis Program'					Page	3
			'AFOMS (AETC) Randolph AFB TX'						
D									
T Tsk		TSK	1-	1-	3-	5-	7-	TNG	
Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
P0746	Develop formal course curricula, plans of instruction (POIs), or specialty training standards (STSS)	6.40	2	3	3	9	12	.15	
K0586	Evaluate test safety requirements	6.39	8	9	8	10	15	.44	
I0487	Troubleshoot or repair fiber-optic systems	6.37	8	14	15	12	8	1.46	
C0126	Troubleshoot or repair interrogators	6.37	4	6	6	4	1	1.00	
Q0780	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	6.36	1	3	3	11	41	.34	
I0480	Troubleshoot or repair countdown clocks	6.35	5	3	3	2	1	.44	
O0705	Load plan aircraft for deployments	6.34	2	4	3	5	4	.98	
Q0779	Draft supplements or changes to directives, such as policy directives, instructions, or manuals	6.34	1	1	0	5	28	.29	
H0354	Troubleshoot or repair out-of-band signaling and control circuits	6.34	7	7	7	5	2	.71	
B0090	Troubleshoot or repair antenna positioning circuits	6.33	35	38	38	35	18	3.59	
D0167	Troubleshoot or repair receive combiners	6.33	21	23	23	17	4	2.32	
F0254	Troubleshoot or repair DIUs	6.32	4	4	4	3	1	.98	
O0692	Develop cut sheets	6.31	9	18	17	20	17	2.24	
F0261	Troubleshoot or repair MTMs	6.31	3	3	3	3	1	.71	
C0127	Troubleshoot or repair SCR cabinets	6.30	7	9	11	6	3	1.59	
I0486	Troubleshoot or repair facsimile equipment	6.29	5	6	5	4	2	.44	
I0482	Troubleshoot or repair digital recorders or printers	6.29	3	6	6	5	1	.54	
E0194	Troubleshoot or repair automatic leveling systems	6.29	10	10	9	6	2	1.83	
H0351	Troubleshoot or repair modems	6.28	55	56	56	42	16	4.51	
K0599	Interpret blueprints, cabling, circuit or wiring schematic diagrams	6.28	23	23	21	24	19	1.85	
C0134	Troubleshoot or repair tracking systems	6.28	26	35	32	30	14	3.41	
K0605	Perform IS removal project or scheme procedures	6.28	2	2	2	2	2	.17	
F0259	Troubleshoot or repair LMUs	6.28	7	5	5	4	1	1.20	
H0346	Troubleshoot or repair hubbing or multiparty equipment	6.28	4	5	6	3	2	.98	
C0132	Troubleshoot or repair tracking servo controls	6.27	28	31	31	27	10	2.95	
I0488	Troubleshoot or repair frequency standards	6.26	13	18	18	16	7	2.59	
D0162	Troubleshoot or repair detectors or discriminators	6.26	12	13	12	10	3	1.90	
C0124	Troubleshoot phase shifters	6.26	10	13	13	9	3	1.24	
D0165	Troubleshoot or repair interference suppression devices	6.26	12	12	12	8	1	1.44	
D0168	Troubleshoot or repair receivers	6.25	37	41	41	36	13	3.73	
E0202	Troubleshoot or repair uplink waveguide switching networks	6.25	20	19	17	19	8	2.68	
C0128	Troubleshoot or repair software configuration systems	6.25	6	12	11	11	4	1.83	
P0747	Develop training programs, plans, or procedures	6.24	7	10	8	28	42	.68	
F0253	Troubleshoot or repair DCSUs	6.24	4	10	8	8	2	1.98	
F0266	Troubleshoot or repair selective message routers (SMRs)	6.24	6	3	4	2	1	.63	
F0265	Troubleshoot or repair SDUs	6.23	4	4	4	3	1	1.07	
I0489	Troubleshoot or repair hybrid bridges	6.23	2	2	1	2	2	.68	
F0255	Troubleshoot or repair ESAs	6.22	2	2	4	2	1	.62	

K0608	Perform project or scheme reviews	6.22	5	4	3	4	6	.15
C0135	Troubleshoot or repair transponders	6.22	10	12	11	10	3	1.95
H0353	Troubleshoot or repair multiplexers or demultiplexers	6.22	50	51	52	37	16	3.88

D	T Tsk	TSK	1-	1-	3-	5-	7-	TNG
Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP
I0498	Troubleshoot or repair munitions firing systems	6.22	2	2	2	2	1	.15
H0352	Troubleshoot or repair modulators or demodulators	6.22	44	48	47	36	13	4.22
I0511	Troubleshoot or repair transducers	6.21	8	7	6	5	3	.49
D0161	Troubleshoot or repair amplifiers	6.21	37	43	43	35	16	3.83
H0357	Troubleshoot or repair two wire/four wire conversion and termination circuits	6.21	5	9	8	7	4	.88
C0133	Troubleshoot or repair tracking synchro controls	6.21	17	21	21	19	8	2.63
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	6.20	50	51	52	41	17	4.73
F0258	Troubleshoot or repair force synchronizers	6.20	2	2	2	2	1	1.24
C0129	Troubleshoot or repair tracking demodulators	6.20	31	32	31	24	10	3.10
H0343	Troubleshoot or repair echo suppressors	6.19	10	10	10	7	2	1.24
I0483	Troubleshoot or repair distribution frames and associated wiring	6.18	2	6	5	5	4	1.29
D0160	Troubleshoot power divider assemblies	6.18	21	18	17	15	3	1.80
F0257	Troubleshoot or repair FIPs	6.17	3	4	3	3	1	.95
I0512	Troubleshoot or repair UPSs	6.17	9	11	10	12	7	1.37
E0201	Troubleshoot or repair up-converters	6.17	56	55	56	42	17	5.12
C0131	Troubleshoot or repair tracking receivers	6.17	33	38	36	32	13	3.61
E0199	Troubleshoot or repair transmit-gain circuits	6.17	21	20	21	16	7	2.83
H0356	Troubleshoot or repair series or parallel converters	6.16	11	10	10	5	1	.85
I0508	Troubleshoot or repair signaling subsystems	6.16	6	7	6	5	4	.73
F0260	Troubleshoot or repair message processor controls	6.15	6	5	4	4	1	.83
F0264	Troubleshoot or repair RT controls	6.15	10	10	10	7	2	1.51
H0345	Troubleshoot or repair four way/four wire bridges	6.15	6	8	6	6	4	.98
L0627	Identify problem areas using deficiency, service, or status reports, such as reports of deficiency (RODs) or product quality deficiency reports (PQDRs), other than equipment or supply	6.15	10	13	12	24	34	1.07
F0268	Troubleshoot or repair TDSPPs	6.15	7	9	8	9	4	1.24
H0347	Troubleshoot or repair in-band signaling and control circuits	6.15	2	6	6	4	2	1.02
I0485	Troubleshoot or repair equipment alarm circuits or automatic fault sensing and switching networks	6.15	8	10	9	6	5	1.12
I0484	Troubleshoot or repair elapsed-time clocks	6.14	1	2	2	2	1	.32
E0198	Troubleshoot or repair power monitors	6.14	21	20	20	18	8	2.49
F0267	Troubleshoot or repair SSPs	6.14	2	3	3	2	0	.95
F0262	Troubleshoot or repair RF controls	6.14	27	24	24	16	5	2.46
I0492	Troubleshoot or repair line conditioning equipment components	6.14	6	8	6	6	4	.85
C0130	Troubleshoot or repair tracking down-converters	6.14	45	45	44	37	14	4.15
F0263	Troubleshoot or repair RIUs	6.13	7	5	4	3	1	1.10
F0255	Troubleshoot or repair EAM equipment	6.13	7	7	6	9	5	1.07
Q0802	Write staff studies, surveys, or routine reports, other than training or inspection reports	6.13	2	2	2	7	24	.17
K0600	Interpret logic diagrams	6.12	15	15	17	14	9	1.59
F0472	Troubleshoot or repair analog-to-digital or	6.12	16	20	18	14	8	1.88



digital-to-analog converters

I0493	Troubleshoot or repair line equalizers	6.12	4	4	4	2	2	.68
H0344	Troubleshoot or repair encoders or decoders	6.12	12	11	11	9	3	.98

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Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
H0341	Troubleshoot or repair computer interface equipment	6.11	6	8	7	10	4	1.66	
H0349	Troubleshoot or repair level inverters	6.11	5	9	8	4	1	1.05	
I0501	Troubleshoot or repair oscillators	6.11	17	18	18	11	7	1.59	
I0478	Troubleshoot or repair command destruct systems	6.11	4	3	3	1	0	.24	
F0250	Troubleshoot or repair command post synchronizers	6.11	4	4	4	2	1	.73	
H0358	Troubleshoot or repair word selectors	6.10	2	2	2	2	0	.49	
D0159	Troubleshoot limiters	6.10	14	15	16	10	2	1.41	
O0699	Initiate or process modification management documents (MMDs)	6.10	2	1	1	2	3	.46	
I0509	Troubleshoot or repair synthesizers	6.09	21	21	20	14	4	1.37	
E0196	Troubleshoot or repair line-voltage regulators	6.09	12	12	12	8	5	2.02	
I0477	Troubleshoot or repair CCVSS	6.09	2	2	1	2	1	.59	
O0693	Develop maintenance plans	6.08	3	6	5	11	19	1.00	
P0748	Develop written tests	6.08	2	3	3	12	13	.59	
H0355	Troubleshoot or repair power supplies	6.07	44	46	46	36	18	4.10	
F0206	Configure Air Force Satellite Communications (AFSATCOM) terminal equipment	6.07	39	34	35	21	7	3.93	
O0690	Determine specific source of personnel requirements for deployment manning documents	6.07	2	2	2	3	12	.32	
H0350	Troubleshoot or repair line or battery isolation relay assemblies	6.07	4	6	4	5	1	.98	
Q0795	Review budget requirements	6.06	1	1	0	7	43	.12	
F0269	Troubleshoot or repair TSMs	6.05	7	10	9	11	4	1.37	
H0348	Troubleshoot or repair level converters	6.05	16	18	17	11	4	1.44	
J0528	Establish communications links	6.05	50	52	51	49	22	5.41	
E0197	Troubleshoot or repair power amplifier monitoring systems	6.05	26	24	24	20	9	2.95	
F0251	Troubleshoot or repair COMSEC controls	6.04	13	10	9	8	4	1.41	
J0543	Perform harmonic distortion tests	6.04	7	8	6	7	2	1.24	
D0166	Troubleshoot or repair pre- or post-selectors	6.04	26	25	25	15	4	1.93	
I0473	Troubleshoot or repair automatic or manual transfer units or switching panels	6.02	4	8	7	6	2	.98	
E0193	Troubleshoot power combiners	6.01	15	17	16	14	6	2.20	
H0342	Troubleshoot or repair E-and-M signaling and control circuits	6.01	3	6	6	7	5	1.12	
D0169	Troubleshoot or repair waveguide switching networks	6.01	26	26	23	22	9	2.78	
F0249	Troubleshoot or repair ASR units	6.00	3	3	3	3	2	1.12	
A0047	Troubleshoot or repair CCAs	6.00	47	49	49	36	18	2.83	
H0340	Troubleshoot or repair bit synchronizers	5.99	12	10	10	8	4	1.37	
I0510	Troubleshoot or repair test translators	5.99	20	16	17	12	4	.71	
G0280	Write or update flight manuals, safety and operational supplements, or flight crew checklists	5.99	3	2	2	3	3	.00	
E0190	Troubleshoot directional couplers	5.98	21	24	24	20	8	2.29	
O0678	Complete operations plan (OPLAN) sourcing requirements	5.98	2	1	1	2	11	.32	
Q0805	Write recommendations for awards or decorations	5.98	0	1	2	35	67	.78	
Q0794	Plan layouts of facilities	5.96	2	1	1	7	21	.17	
F0507	Troubleshoot or repair RF combiners	5.96	17	18	16	16	2	1.58	

K0569	Analyze test requirements to determine support such as equipment, facilities, or personnel	5.96	5	8	7	10	13	.56
I0497	Troubleshoot or repair mixers	5.96	9	12	11	7	4	1.12

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Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
K0609	Perform site survey procedures	5.95	12	21	21	23	17	2.27	
A0018	Perform end-to-end check-outs	5.95	37	47	46	53	34	5.93	
O0680	Conduct contingency operation or mobility planning and execution system (COMPES) programs	5.95	2	3	2	5	8	.17	
C0111	Adjust phase shifters	5.95	10	14	14	11	3	1.56	
O0732	Review engineer change proposals (ECPs)	5.95	2	1	2	2	9	.27	
I0506	Troubleshoot or repair remote control devices	5.94	7	9	7	6	4	.98	
K0607	Perform pre-implementation surveys	5.93	4	4	3	5	5	.41	
C0125	Troubleshoot or repair brake systems	5.92	11	18	17	17	7	1.90	
K0606	Perform post-installation operational tests	5.92	10	11	10	11	8	.76	
B0089	Troubleshoot or repair antenna drive equipment	5.90	42	48	46	42	19	3.66	
O0684	Coordinate deployment of personnel with other MAJCOMs or joint service commands	5.90	3	2	2	2	16	.17	
P0752	Evaluate effectiveness of training programs, plans, or procedures	5.88	2	5	4	18	35	.59	
H0339	Troubleshoot or repair amplitude or delay equalizers	5.88	4	7	6	5	2	1.32	
O0691	Develop contingency exercise mobility (CEM) orders	5.87	2	2	2	1	4	.29	
L0624	Clear Red-X or hazardous conditions	5.87	5	7	6	9	8	.80	
I0505	Troubleshoot or repair printers	5.87	11	14	12	14	8	.80	
I0476	Troubleshoot or repair carrier-level detectors	5.87	5	7	6	4	1	1.24	
J0542	Perform frequency response tests	5.87	15	17	15	14	8	2.34	
C0113	Adjust tracking servo controls	5.87	26	32	31	26	10	3.02	
A0035	Remove or replace circuit board soldered electronic components	5.86	32	32	34	29	17	2.46	
E0174	Adjust high-voltage power supplies	5.86	46	46	48	36	16	4.90	
Q0804	Write or indorse military performance reports	5.84	1	1	2	32	62	.51	
E0192	Troubleshoot magic-T networks	5.83	5	5	5	3	3	1.24	
C0112	Adjust software configuration systems	5.83	12	16	14	17	8	1.66	
C0114	Adjust tracking systems	5.82	27	32	34	26	11	3.46	
E0195	Troubleshoot or repair cooling air circulation systems	5.82	21	18	17	16	8	1.61	
O0679	Compute OPLAN requirements status listings	5.82	2	1	1	2	8	.37	
B0093	Troubleshoot or repair antenna systems	5.82	43	49	49	42	18	4.20	
I0393	Calibrate transducers	5.79	3	3	3	3	3	.76	
J0547	Perform noise-to-power ratio (NPR) tests	5.79	7	10	8	10	2	1.59	
B0057	Adjust tuneable waveguides	5.79	17	17	17	12	4	1.98	
J0546	Perform noise figure tests	5.77	31	34	35	22	5	2.59	
Q0803	Write or indorse civilian performance appraisals	5.76	1	1	1	1	3	.27	
A0020	Perform software configurations on computer-based systems	5.76	17	27	26	32	22	2.49	
J0539	Perform carrier-to-receiver noise density (C/kT) checks	5.76	14	19	17	19	9	3.10	
I0513	Troubleshoot or repair general purpose power supplies	5.76	19	20	21	20	13	2.51	
L0629	Initiate or coordinate deficiency, service, or status reports, such as RODs or PQDRs	5.75	7	12	12	23	29	.95	
I0376	Adjust laser systems	5.75	2	2	3	2	2	.78	
K0576	Coordinate test parameters with test directors	5.75	2	5	4	7	11	.39	
O0685	Coordinate exercise sequencing requirements with	5.74	2	2	2	2	15	.17	

functional managers

P0751	Evaluate training methods or techniques of instructors	5.73	1	5	4	11	20	.76
I0475	Troubleshoot or repair BITE	5.72	22	27	27	22	9	2.17

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Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
O0698	Initiate or process acquisition documents, such as requests for proposals (RFPs)	5.72	1	1	1	2	5	.46	
O0687	Coordinate mobility or contingency requirements with appropriate agencies	5.71	2	3	3	5	20	.44	
I0474	Troubleshoot or repair battery charging systems	5.71	7	10	9	9	8	.90	
A0044	Troubleshoot user-calibrated test equipment	5.70	29	28	25	23	15	1.85	
I0504	Troubleshoot or repair power distribution panels	5.70	17	18	17	17	7	1.80	
J0541	Perform communications circuit fault isolation procedures	5.69	25	33	33	30	15	4.27	
B0092	Troubleshoot or repair antenna status equipment	5.69	35	38	40	30	14	3.37	
H0308	Perform modem link characterization tests	5.69	17	16	15	16	8	3.17	
K0577	Coordinate test support with base or range agencies	5.69	4	7	4	9	13	.27	
I0471	Troubleshoot or repair AFCs	5.68	2	3	4	3	3	1.17	
L0625	Develop equipment inventory listings (EILs) and master PMI listings	5.67	10	14	14	19	24	.95	
O0681	Conduct mobility or deployment site surveys	5.67	6	14	16	19	21	1.85	
K0573	Coordinate project support agreements (PSAs) with appropriate agencies	5.66	3	4	4	5	12	.29	
Q0775	Develop or establish work methods or procedures	5.65	2	6	5	19	40	.71	
L0623	Analyze core automated maintenance system (CAMS), Reliability and Maintainability Information System (REMIS), Improved Maintenance Management Program (IMMP), or G081 data	5.65	18	23	22	25	28	1.27	
O0694	Develop mobility inspection checklists	5.65	4	7	5	13	17	1.37	
K0616	Prepare work phase documentation	5.64	4	7	6	7	5	.44	
B0091	Troubleshoot or repair antenna radomes	5.64	8	10	9	9	3	1.22	
P0757	Prepare job qualification standards (JQSs)	5.64	2	9	8	24	29	.54	
Q0801	Write job or position descriptions	5.64	3	3	3	14	42	.39	
O0716	Perform path profile procedures	5.62	4	5	5	9	8	1.46	
P0749	Develop or procure training materials or aids	5.62	4	9	9	23	28	.68	
Q0800	Write inspection reports	5.61	2	2	1	12	39	.32	
H0285	Adjust fiber-optic receivers or transmitters	5.61	8	12	12	11	7	1.68	
F0224	Perform emergency MPU bypass procedures	5.61	2	3	3	3	1	1.29	
K0619	Set up or tear down range radars	5.61	3	2	2	2	0	.32	
A0013	Install communications equipment	5.60	57	60	60	51	25	4.41	
E0189	Remove or replace high-voltage power supply components	5.60	33	38	40	32	14	3.41	
I0503	Troubleshoot or repair patch panels	5.60	30	30	29	24	11	3.00	
K0621	Site KTM systems	5.59	2	2	2	1	0	.37	
O0688	Coordinate specific source of personnel requirements with appropriate agencies	5.59	2	2	1	3	17	.20	
A0021	Perform system diagnostics	5.58	45	55	55	57	36	5.27	
K0574	Coordinate test directives with appropriate agencies	5.58	6	7	6	8	9	.15	
I0372	Adjust fiber-optic systems	5.58	11	13	12	12	9	2.02	
K0602	Operate range radars	5.58	2	2	2	1	0	.00	
K0610	Perform static firing of munitions or ordinance devices	5.57	5	5	4	3	1	.15	
B0088	Troubleshoot or repair dehydrators or pressurizers	5.57	20	22	22	21	9	2.15	

K0618	Set up or tear down KTM systems	5.56	3	2	2	1	1	.44
O0731	Review contract action requests (CARs)	5.54	2	1	1	1	6	.07
K0617	Set up antenna systems	5.54	38	43	41	35	16	4.78

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Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
O0682	Configure mobile vans	5.54	21	29	30	25	13	2.24	
I0384	Adjust oscillograph recorders	5.53	2	2	2	2	2	.37	
L0628	Initiate or annotate aircraft flight or maintenance records, such as AFTO Forms 781 (Aircrew/Mission Flight Data Document) or 349 (Maintenance Data Collection Record)-series	5.53	4	7	5	13	10	1.05	
K0575	Coordinate test item or equipment preparation with technical data agencies or engineers	5.53	4	7	7	9	15	.15	
C0121	Remove or replace silicon control rectifier (SCR) cabinet components	5.52	7	8	10	7	2	1.44	
B0062	Perform waveguide insertion loss procedures	5.52	31	28	30	22	10	3.32	
Q0769	Determine or establish logistics requirements, such as personnel, equipment, tools, parts, supplies, or workspace	5.52	3	3	2	18	55	.59	
C0109	Adjust antenna positioning circuits	5.52	29	32	33	29	14	3.27	
B0086	Troubleshoot diplexers or duplexers	5.52	19	21	18	18	9	2.29	
K0568	Adjust kineto tracking mount (KTM) systems	5.52	2	1	1	1	0	.12	
O0700	Inspect cut sheets	5.51	18	25	24	25	21	2.85	
J0548	Perform orderwire noise level tests	5.51	12	11	12	6	3	1.80	
H0287	Adjust hubbing or multiparty equipment	5.50	5	5	6	2	2	.83	
O0723	Submit or process award fees	5.50	1	2	2	2	6	.02	
I0387	Adjust signaling subsystems	5.49	4	4	4	3	3	1.24	
A0041	Remove or replace surface-mounted devices on circuit boards	5.49	12	20	19	19	13	1.78	
B0097	Troubleshoot or repair de-icers or heaters	5.48	22	21	18	18	5	1.20	
O0724	Submit or process requirement documents	5.48	2	3	4	5	10	.05	
H0295	Adjust out-of-band signaling and control circuits	5.48	8	11	11	6	1	1.20	
P0758	Write training reports	5.47	1	2	3	9	17	.39	
H0281	Adjust amplitude or delay equalizers	5.47	7	11	12	5	4	1.49	
Q0798	Review drafts of supplements or changes to directives, such as policy directives, instructions, or manuals	5.47	2	3	4	10	39	.51	
K0614	Prepare project or scheme review documentation	5.47	2	4	4	4	7	.20	
B0094	Troubleshoot or repair antenna transmission lines or related components	5.47	31	34	33	34	17	3.17	
K0620	Site antenna systems	5.46	17	20	19	21	12	3.76	
B0087	Troubleshoot splitters or combiners	5.46	19	25	23	23	13	2.80	
I0447	Remove or replace laser systems	5.46	2	2	2	2	2	.68	
J0544	Perform idle channel noise tests	5.46	10	10	8	8	2	1.68	
I0390	Adjust transmit or receive path equalizers	5.45	7	9	9	5	2	1.49	
I0386	Adjust private branch exchange (PBX) systems or switchboard interface equipment	5.44	1	3	2	3	3	.68	
B0096	Troubleshoot or repair cable trench sump pumps	5.44	7	9	8	6	2	.07	
I0382	Adjust optical systems	5.44	3	3	3	4	4	.73	
F0204	Adjust electrostatic surge arrestors (ESAs)	5.43	7	6	7	3	1	.93	
L0631	Perform time compliance technical order (TCTO) inspections	5.43	31	36	34	38	25	2.46	
C0110	Adjust brake systems	5.42	16	21	18	20	8	2.12	



B0088	Troubleshoot or repair antenna controls	5.42	44	48	48	40	18	3.90
F0205	Adjust time distribution subsystem pre-processors (TDSPPs)	5.41	7	9	8	9	2	1.15

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T Tsk		TSK	1-	1-	3-	5-	7-	TNG	
Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
J0550	Perform receive link gain checks	5.41	14	20	21	15	8	3.02	
I0389	Adjust transducers	5.40	5	6	5	5	4	.73	
O0701	Inspect launch support systems	5.40	2	2	2	2	1	.00	
Q0806	Write replies to inspection reports	5.39	2	1	1	21	51	.98	
O0733	Review requirement documents	5.39	3	5	6	6	13	.41	
Q0773	Develop self-inspection or self-assessment program checklists	5.39	2	4	3	13	32	.83	
I0378	Adjust magnetic data tape recorders	5.39	5	5	4	3	2	.66	
A0007	Fabricate or repair equipment cables	5.39	55	69	69	65	34	3.66	
O0720	Perform source selection evaluation team (SSET) activities	5.38	1	2	2	2	3	.27	
Q0764	Conduct staff assistance visits, inspections, or audits	5.38	1	1	2	7	27	.56	
D0136	Adjust amplifiers	5.38	60	61	62	47	20	4.51	
I0380	Adjust munitions firing systems	5.37	3	3	3	2	2	.32	
J0526	Configure timing equipment	5.37	31	35	34	31	21	4.27	
I0375	Adjust infrared systems	5.37	2	2	2	2	0	.54	
H0286	Adjust four way/four wire bridges	5.37	2	6	6	4	4	1.20	
J0545	Perform loop-back or end-to-end tests	5.37	50	49	50	39	19	4.24	
I0368	Adjust diversity combiners	5.36	4	6	3	6	2	.85	
I0381	Adjust optical disk recorders	5.36	2	2	3	1	1	.51	
K0615	Prepare site for equipment installation	5.35	17	21	23	17	14	1.93	
Q0790	Initiate actions required due to substandard performance of personnel	5.35	0	1	1	23	47	.51	
O0683	Coordinate area port joint inspections with area port squadrons	5.35	3	2	2	2	6	.10	
H0284	Adjust echo suppressors	5.35	8	10	10	7	4	1.17	
L0622	Adjust daily maintenance plans to meet operational commitments	5.35	14	15	13	20	29	.90	
O0677	Compile or prepare status of resources training systems (SORTSs)	5.34	2	5	4	8	25	.39	
J0549	Perform patch or test facilities alternate circuit routing procedures	5.34	11	13	14	12	6	2.56	
H0293	Adjust modulators or demodulators	5.34	49	47	48	33	13	4.46	
I0364	Adjust closed circuit video systems (CCVSS)	5.34	2	3	2	5	4	.73	
B0095	Troubleshoot or repair antennas, other than antenna systems	5.34	28	31	33	26	13	3.17	
J0529	Establish orderwire contacts	5.33	45	44	46	36	14	5.27	
O0729	Provide OPLAN requirements status listings to unit commanders	5.33	2	1	1	3	7	.20	
H0294	Adjust multiplexers or demultiplexers	5.33	56	51	54	35	15	4.73	
K0594	Install or remove fixed communications equipment	5.33	21	17	19	14	9	2.05	
K0598	Install or remove power generating equipment	5.33	15	18	15	14	6	1.71	
O0726	Submit or process incentive fees	5.32	1	2	1	3	1	.00	
I0377	Adjust line conditioning equipment	5.32	5	7	7	7	5	1.68	
C0120	Remove or replace phase shifters	5.32	8	14	13	11	2	1.32	
E0170	Adjust automatic leveling controls (ALCs)	5.31	13	11	10	8	5	1.51	

I0365	Adjust command destruct systems	5.30	3	3	3	2	1	.34
M0649	Initiate classified reports, messages, or documents	5.30	9	15	12	20	24	1.05
H0288	Adjust in-band signaling and control circuits	5.30	4	8	8	4	3	1.27

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Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
H0297	Adjust shift keying modems	5.30	25	23	25	12	3	1.59	
Q0797	Review mobility, contingency, disaster preparedness, or unit emergency or alert plans	5.30	1	5	5	13	25	.66	
J0561	Perform voltage standing wave ratio (VSWR) measurements	5.28	20	22	21	19	8	2.41	
K0597	Install or remove power distribution systems	5.28	14	15	15	11	7	1.63	
B0058	Assemble antenna radomes	5.28	12	10	9	7	4	1.02	
I0379	Adjust mission console workstations	5.28	2	5	5	4	1	.54	
B0101	Troubleshoot or repair waveguides	5.27	38	40	39	31	15	3.12	
I0391	Adjust uninterruptible power supplies (UPSs)	5.27	12	12	10	10	6	1.80	
Q0783	Evaluate inspection report findings or inspection procedures	5.26	2	3	2	16	48	.68	
H0291	Adjust line isolation assemblies or battery isolation relay assemblies	5.26	2	6	6	4	2	1.17	
B0068	Remove or replace antenna drive equipment	5.26	39	47	44	44	17	2.83	
F0247	Schedule satellite users	5.25	6	6	6	5	3	.90	
E0188	Remove or replace transmitters	5.25	34	34	34	32	18	3.34	
I0359	Adjust analog-to-digital or digital-to-analog converters	5.25	19	24	22	16	10	2.51	
C0123	Remove or replace tracking system components	5.25	17	25	25	21	10	2.39	
E0173	Adjust up-converters	5.24	60	58	60	43	17	4.93	
H0282	Adjust bit synchronizers	5.23	16	13	14	8	4	1.02	
C0119	Remove or replace brake systems	5.23	12	17	16	17	7	1.90	
J0537	Perform baseband sweep procedures	5.23	11	14	13	9	3	2.00	
K0601	Operate KTM systems	5.23	1	1	0	1	0	.15	
A0016	Operationally check system or test equipment	5.23	69	74	76	67	42	6.41	
I0374	Adjust hybrid bridges	5.22	3	3	4	2	1	1.00	
A0046	Troubleshoot or repair cable assemblies or internal wiring	5.22	43	50	48	49	29	3.73	
P0745	Determine training requirements	5.22	7	10	10	35	52	1.29	
J0554	Perform satellite network operations procedures	5.21	21	23	21	22	10	3.44	
P0742	Conduct formal course classroom training	5.21	4	7	8	11	10	.56	
I0373	Adjust frequency standards	5.21	21	23	23	20	8	2.68	
H0299	Adjust word selectors	5.21	2	2	2	2	0	.66	
I0370	Adjust equipment alarm circuits or automatic fault sensing and switching networks	5.20	10	14	15	9	5	1.88	
I0369	Adjust elapsed-time clocks	5.20	3	4	4	3	1	.76	
H0292	Adjust modems	5.19	57	53	54	38	12	4.39	
I0371	Adjust facsimile equipment	5.19	4	8	8	5	2	.46	
K0587	Fabricate or repair cable connectors	5.18	28	38	34	40	23	3.05	
D0137	Adjust automatic gain controls (AGCs)	5.18	45	49	54	34	14	3.76	
J0534	Perform amplitude linearity tests	5.18	5	6	5	5	3	1.46	
E0172	Adjust transmit-gain circuits	5.18	25	27	30	22	8	3.24	
M0643	Compile data for records, reports, logs, or trend analyses	5.18	19	24	23	29	42	.85	
J0558	Perform terminal impedance tests	5.18	11	10	10	6	2	1.17	
F0630	Maintain down-from-maintenance (DFM) transaction	5.18	8	18	17	26	25	1.68	

reports

J0518	Configure computer based data processing equipment	5.17	7	10	10	11	10	1.41
Q0768	Counsel subordinates concerning personal matters	5.17	2	3	4	39	66	.76

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Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
J0520	Configure equipment for network operations	5.17	20	21	21	20	10	3.00	
Q0784	Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) Program	5.17	7	11	12	27	51	1.85	
I0383	Adjust oscillators	5.16	30	28	29	20	9	2.80	
K0613	Prepare pre-implementation documentation	5.16	7	9	9	9	9	.90	
Q0770	Determine or establish work assignments or priorities	5.16	2	3	4	30	59	1.02	
I0366	Adjust countdown clocks	5.15	6	5	5	3	1	.78	
K0589	Install or remove antenna systems	5.14	34	40	38	35	18	3.49	
O0709	Pack or palletize mobility or contingency equipment for shipment or movement such as, airlift, road, or sealift	5.14	22	30	29	29	20	2.49	
N0665	Develop equipment checklists	5.13	18	22	21	31	32	1.59	
E0177	Perform PMIs on high-voltage power supplies	5.13	50	47	48	37	14	4.39	
I0360	Adjust automatic frequency controls (AFCs)	5.12	9	11	11	9	4	1.98	
Q0781	Establish performance standards for subordinates	5.12	0	2	2	29	56	.93	
O0738	Update SORTS reports	5.12	5	8	9	11	22	.44	
Q0786	Evaluate personnel for promotion, demotion, reclassification, or special awards	5.11	1	2	2	28	54	.90	
I0361	Adjust battery charging systems	5.11	9	13	12	11	7	1.39	
E0191	Troubleshoot dummy loads	5.11	36	35	33	29	13	2.22	
D0139	Adjust interference suppression devices	5.11	11	12	13	8	1	1.63	
H0283	Adjust Ear-and-Mouth (E-and-M) signaling and control circuits	5.10	3	10	10	7	5	.98	
I0456	Remove or replace optical systems	5.10	3	3	2	3	2	.68	
P0743	Conduct on-the-job training (OJT)	5.10	27	42	43	58	48	2.07	
Q0774	Develop inputs to mobility, contingency, disaster preparedness, or unit emergency or alert plans	5.10	2	3	3	9	23	.39	
O0718	Perform predeployment reconnaissance surveys	5.10	5	7	6	8	9	1.10	
Q0787	Evaluate maintenance or utilization of equipment, tools, parts, supplies, or workspace	5.10	3	7	7	24	52	1.07	
D0140	Adjust mixers	5.09	22	25	26	17	8	2.56	
J0553	Perform satellite acquisition procedures	5.09	46	49	47	42	17	5.71	
Q0793	Investigate accidents or incidents	5.09	0	1	1	13	29	.44	
B0060	Assemble or disassemble antennas	5.09	50	56	57	43	23	4.49	
J0565	Submit satellite access requests	5.08	12	21	20	23	14	1.85	
Q0772	Develop resource protection programs	5.08	2	1	2	4	16	.20	
K0603	Operationally check safe and arm devices	5.08	2	5	3	4	2	.46	
D0148	Remove or replace amplifiers	5.07	50	55	54	48	21	3.20	
K0612	Prepare post-installation documentation	5.07	7	10	10	11	10	1.17	
J0536	Perform baseband loading procedures	5.07	7	9	8	6	1	1.90	
I0385	Adjust printers	5.06	11	16	16	12	5	.68	
I0363	Adjust carrier-level detectors	5.06	6	11	10	9	3	1.93	
P0754	Inspect training materials or aids for operation or suitability	5.05	0	4	3	16	30	1.02	
M0647	Establish or maintain accountability records for classified materials or documents	5.05	12	19	20	25	27	1.49	
K0582	Install or remove distribution frames and associated	5.05	7	8	8	7	5	1.02	

	wiring									
H0302	Configure encoders or decoders	5.05	18	17	15	14	4	1.27		

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Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
H0298	Adjust two wire/four wire conversion and termination circuits	5.04	14	15	17	10	6	1.05	
O0725	Prepare equipment for deployments	5.04	26	30	30	28	16	2.39	
I0446	Remove or replace infrared systems	5.04	2	2	1	2	0	.68	
A0008	Inspect flight hardware	5.03	3	5	4	4	2	.12	
K0595	Install or remove line conditioning equipment	5.03	7	7	7	7	6	1.24	
H0289	Adjust level converters	5.02	17	19	21	10	3	1.63	
I0459	Remove or replace patch panels	5.02	17	23	22	18	10	1.93	
G0278	Perform pre-flight equipment checkouts	5.01	7	5	5	8	4	.51	
N0666	Establish requirements for equipment, tools, parts or supplies	5.00	17	24	22	31	42	.80	
O0719	Perform site surveys for ground systems	5.00	11	17	18	18	17	1.90	
P0750	Establish or maintain study reference files	5.00	2	5	5	12	17	.95	
I0388	Adjust synthesizers	5.00	17	21	22	14	4	2.63	
J0527	Coordinate operational schedule changes with area controlling agencies	5.00	4	9	7	16	13	1.54	
J0524	Configure patch panels	4.99	57	58	60	49	22	5.80	
D0143	Adjust receivers	4.98	42	48	49	39	21	4.34	
D0142	Adjust receiver gain monitors	4.98	36	32	35	21	8	3.49	
O0697	Draft mobility or deployment after-action reports	4.97	2	6	6	16	23	.83	
I0434	Remove or replace battery charging systems	4.97	6	11	9	9	7	1.00	
J0560	Perform transmission line loss measurements	4.97	7	11	9	10	7	1.93	
H0290	Adjust level regulators	4.97	6	9	10	4	2	1.15	
P0753	Evaluate progress of trainees	4.96	2	9	8	38	50	1.29	
K0588	Form and fan equipment cables	4.96	4	9	8	10	11	1.61	
E0178	Perform PMIs on transmitters	4.96	45	47	47	37	17	4.66	
I0367	Adjust digital recorders or printers	4.96	6	7	6	6	3	.90	
H0300	Configure cryptographic equipment	4.95	36	36	41	28	17	3.49	
B0100	Troubleshoot or repair relays	4.95	19	22	21	18	11	2.22	
F0231	Remove or replace command post synchronizers	4.94	3	4	4	3	1	1.07	
F0232	Remove or replace COMSEC controls	4.94	14	15	13	9	6	1.88	
G0277	Perform post-flight equipment checkouts	4.92	5	4	4	6	3	.61	
I0443	Remove or replace fiber-optic system components	4.91	7	11	12	9	9	1.73	
C0122	Remove or replace software configuration systems	4.91	10	14	13	12	4	1.29	
Q0792	Interpret policies, directives, or procedures for subordinates	4.91	2	4	4	30	58	.51	
L0634	Review aircraft flight or maintenance records, such as AFTO Forms 781 or 349-series	4.91	4	6	4	11	11	.46	
F0238	Remove or replace message processor controls	4.91	4	5	3	5	1	.95	
H0301	Configure echo suppressors	4.91	8	10	8	8	3	1.44	
I0463	Remove or replace signaling subsystem components	4.90	5	7	6	5	3	.95	
J0538	Perform bit error rate tests	4.90	49	51	53	43	22	4.76	
Q0789	Initiate personnel action requests	4.90	1	1	1	10	29	.51	
O0708	Maintain base OPLAN files	4.90	1	2	1	2	3	.07	
I0402	Perform PMIs on laser systems	4.90	4	3	3	1	1	.59	
H0315	Perform PMIs on multiplexers and demultiplexers	4.90	55	57	59	40	16	4.90	
J0521	Configure global positioning satellite (GPS) receivers	4.90	20	22	20	25	12	2.72	



D0138	Adjust down-converters	4.90	68	65	68	48	17	5.41
J0531	Monitor frequencies, such as to determine interference or equipment operation	4.89	24	30	28	27	12	2.63

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Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
F0230	Remove or replace central processing units (CPUs)	4.89	13	14	11	14	4	1.20	
O0686	Coordinate limited technical inspection (LTI) vehicle inspections with vehicle maintenance	4.89	3	6	5	5	5	.41	
H0296	Adjust power supplies	4.89	48	42	44	34	17	4.22	
I0403	Perform PMIs on magnetic data tape recorders	4.89	2	5	5	3	3	.83	
D0158	Remove or replace waveguide switching networks	4.88	19	25	23	22	10	2.02	
K0611	Prepare job completion documentation	4.88	12	20	21	20	14	1.76	
A0010	Inspect waveguide switching networks	4.88	21	26	25	19	8	1.83	
I0462	Remove or replace RF combiners	4.88	16	20	18	15	6	1.68	
P0756	Personalize lesson plans	4.87	1	4	6	16	21	1.22	
J0564	Submit gateway access requests	4.87	5	7	6	11	8	1.15	
O0728	Process classified materials or documents at deployed locations	4.87	7	13	10	15	14	1.59	
Q0788	Implement safety or security programs	4.86	7	12	13	24	44	1.07	
E0187	Remove or replace transmit-gain controls	4.85	20	19	20	17	6	2.05	
I0444	Remove or replace frequency standards	4.85	15	16	15	16	9	2.39	
Q0765	Conduct supervisory performance feedback sessions	4.85	0	1	2	34	63	.41	
K0572	Coordinate instrumentation checkouts with other test teams	4.84	7	8	7	8	8	.85	
H0326	Remove or replace hubbing or multiparty equipment	4.84	5	5	6	3	0	.98	
F0243	Remove or replace SDUs	4.83	4	5	4	4	1	1.07	
E0171	Adjust power monitors	4.83	28	26	26	22	10	2.90	
I0430	Remove or replace AFCs	4.83	4	4	4	3	2	1.00	
J0517	Configure automatic or manual transfer units or switching panels	4.83	7	14	12	11	4	1.95	
H0318	Remove or replace computer interface equipment	4.83	8	11	10	14	8	1.78	
I0431	Remove or replace analog-to-digital or digital-to-analog converters	4.82	17	20	19	15	8	2.00	
J0555	Perform satellite tracking procedures	4.82	46	49	49	39	15	5.34	
I0394	Operate computer processors	4.82	4	11	9	13	9	1.66	
I0454	Remove or replace munitions firing systems	4.81	2	3	2	2	1	.27	
B0056	Adjust dehydrators or pressurizers	4.81	22	26	26	23	12	1.95	
I0436	Remove or replace carrier-level detectors	4.81	5	7	8	4	1	.95	
B0059	Assemble feedhorn assemblies	4.80	44	47	48	34	16	3.37	
H0316	Remove or replace amplitude or delay equalizers	4.80	5	8	8	6	3	1.12	
D0141	Adjust pre- or post-selectors	4.79	39	33	35	18	7	2.49	
J0523	Configure multiplexers or demultiplexers	4.79	61	59	63	46	23	5.68	
I0453	Remove or replace mixers	4.79	10	11	11	6	4	1.27	
I0362	Adjust built-in test equipment (BITE)	4.79	40	40	40	29	13	3.37	
Q0782	Establish procedures for accountability of equipment, tools, parts, or supplies	4.78	7	11	11	21	38	.76	
B0067	Remove or replace antenna coupler components	4.78	30	37	34	32	13	2.34	
I0405	Perform PMIs on munitions firing systems	4.78	2	3	2	2	2	.27	
Q0785	Evaluate personnel for compliance with performance standards	4.77	1	4	4	35	63	1.27	
K0596	Install or remove master station grounds	4.77	13	15	15	13	7	1.98	
Q0788	Schedule personnel for TDY assignments, leaves, or	4.77	1	2	2	18	58	.24	

passes

I0392	Adjust general purpose power supplies	4.77	19	18	18	15	12	2.05
B0066	Remove or replace antenna controls	4.76	36	44	41	40	18	3.15

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Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP
M0646	Establish or maintain automated technical order management system (ATOMS) accounts	4.76	11	17	17	20	19	1.07
I0457	Remove or replace oscillators	4.76	17	22	21	15	7	1.32
F0240	Remove or replace RF controls	4.76	17	19	17	14	4	2.12
J0525	Configure recording equipment	4.76	6	10	10	12	8	1.29
I0433	Remove or replace automatic or manual transfer units or switching panels	4.76	4	7	7	5	3	1.00
F0241	Remove or replace RIUs	4.75	5	4	4	3	2	.95
I0438	Remove or replace command destruct systems	4.75	5	4	4	1	0	.63
I0467	Remove or replace transducers	4.75	7	7	6	5	4	.83
I0445	Remove or replace hybrid bridges	4.75	4	3	3	2	2	.95
D0149	Remove or replace detectors or discriminators	4.74	12	15	13	11	5	1.88
H0327	Remove or replace in-band signaling and control circuits	4.73	2	7	7	5	1	.59
F0242	Remove or replace RT controls	4.73	7	9	8	8	4	1.51
H0320	Remove or replace E-and-M signaling and control circuits	4.73	2	8	7	8	4	1.12
B0078	Remove or replace diplexers or duplexers	4.73	20	22	19	19	10	2.07
N0668	Identify and report equipment or supply problems	4.72	34	37	39	40	52	1.56
Q0771	Develop organizational or functional charts	4.72	2	2	2	9	29	.49
I0442	Remove or replace equipment alarm circuits or automatic fault sensing and switching networks	4.72	5	8	7	7	6	1.02
H0307	Perform modem bit error rate tests	4.72	43	45	44	36	17	4.90
I0465	Remove or replace synthesizers	4.72	21	21	23	13	5	1.93
F0234	Remove or replace digital interface units (DIUs)	4.72	5	8	6	6	2	1.02
J0566	Update ephemeris sets	4.71	9	15	15	14	8	1.00
I0407	Perform PMIs on optical systems	4.71	4	5	5	4	2	.66
I0466	Remove or replace test translators	4.71	14	13	13	11	5	1.07
A0043	Solder or desolder connectors or hardware circuits	4.71	37	43	43	43	26	3.51
H0312	Perform PMIs on encoders or decoders	4.70	14	16	14	12	3	1.59
I0458	Remove or replace oscillograph recorders	4.70	2	2	2	2	1	.27
F0244	Remove or replace SSPs	4.70	2	2	2	3	0	1.00
G0272	Coordinate correction of aircraft discrepancies or malfunctions with aircraft commander or job control	4.70	1	2	1	3	2	.00
J0532	Perform post-pass procedures	4.69	7	5	4	6	4	1.59
H0323	Remove or replace fiber-optic receivers or transmitters	4.69	7	14	12	15	10	2.54
I0468	Remove or replace UPS components	4.69	6	9	6	11	6	1.12
I0441	Remove or replace elapsed-time clocks	4.69	2	3	2	3	1	.51
M0648	Identify and report suspected security compromises	4.69	23	31	32	36	42	2.95
E0184	Remove or replace magic-T networks	4.69	5	6	6	3	2	.93
I0451	Remove or replace magnetic mass storage	4.69	2	2	1	2	1	.78
I0452	Remove or replace mission console workstations	4.68	4	7	7	4	2	.54
F0229	Remove or replace ASR units	4.68	2	4	2	4	2	1.15
I0397	Perform PMIs on computer processors	4.68	3	5	3	5	1	1.02
I0404	Perform PMIs on mission console workstations	4.68	4	5	6	3	1	.59
H0311	Perform PMIs on word selectors	4.68	2	4	4	2	0	.00

I0422	Perform PMIs on magnetic mass storage	4.68	3	3	3	2	1	.68
L0633	Retrieve CAMS, REMIS, IMMP, or GO81 listings or reports	4.68	29	38	39	42	38	1.59

prtfac	2ElX1 Task Difficulty Ratings (Descending Order)	PF0002	'Occupational Analysis Program'					Page	15
			'AFOMS (AETC) Randolph AFB TX'						
D									
T Tsk		TSK	1-	1-	3-	5-	7-	TNG	
Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
H0330	Remove or replace line or battery isolation relay assemblies	4.67	7	7	6	5	2	1.02	
J0533	Perform pre-pass procedures	4.67	7	6	5	7	4	1.49	
H0314	Perform PMIs on modems	4.67	51	54	55	40	13	4.76	
I0408	Perform PMIs on oscillograph recorders	4.66	1	2	2	2	1	.27	
I0450	Remove or replace magnetic data tape recorders	4.66	6	6	6	4	3	.83	
I0455	Remove or replace optical disk recorders	4.66	3	2	3	1	0	.56	
F0220	Operationally check remote interface units (RIUs)	4.65	22	19	17	14	4	1.66	
N0667	Evaluate serviceability of equipment, tools, parts, or supplies	4.65	34	37	37	40	48	2.54	
H0317	Remove or replace bit synchronizers	4.65	11	11	10	11	5	1.22	
F0233	Remove or replace DCSUs	4.65	7	11	10	9	2	1.66	
Q0776	Develop or establish work schedules	4.65	1	4	3	23	56	.66	
F0237	Remove or replace LMUs	4.64	6	6	5	5	1	1.27	
F0222	Operationally check supervisory status panels (SSPs)	4.64	4	6	4	5	3	1.32	
D0150	Remove or replace down-converters	4.64	60	61	64	48	20	4.05	
C0116	Perform PMIs on software configuration systems	4.64	15	18	17	17	5	2.32	
I0421	Perform PMIs on magnetic data tape recorders	4.63	5	5	4	3	2	.68	
E0179	Perform PMIs on up-converters	4.63	63	60	62	45	17	5.17	
I0440	Remove or replace digital recorders or printers	4.63	3	7	6	6	5	.76	
H0329	Remove or replace level inverters	4.63	7	10	10	5	1	1.24	
J0540	Perform changeovers between commercial power and back up generators	4.63	21	28	26	25	9	2.73	
F0208	Operationally check command post synchronizers	4.63	5	6	5	3	2	1.27	
J0535	Perform audio frequency tests	4.62	10	10	10	6	4	1.61	
I0464	Remove or replace station batteries	4.62	12	12	10	10	5	.83	
D0155	Remove or replace pre- or post-selectors	4.62	25	24	26	14	5	1.90	
F0236	Remove or replace force synchronizers	4.62	3	3	3	2	1	1.07	
O0707	Maintain accountability of personnel selected to fill OPLAN requirements	4.62	1	2	2	3	12	.29	
K0593	Install or remove electrical conduits	4.62	12	12	10	9	4	1.20	
F0207	Operationally check automatic send and receive (ASR) units	4.62	8	8	8	5	2	1.76	
I0406	Perform PMIs on optical disk recorder	4.62	1	2	2	1	2	.51	
I0470	Troubleshoot attenuators	4.61	16	19	18	15	6	1.61	
I0439	Remove or replace countdown clocks	4.61	2	3	2	3	1	.54	
I0448	Remove or replace line conditioning equipment	4.61	5	8	8	6	6	1.02	
I0437	Remove or replace CCVSSs	4.61	2	3	2	2	1	.88	
A0045	Troubleshoot or repair blower motors	4.61	24	31	29	26	13	1.71	
L0642	Verify accuracy of CAMS, REMIS, IMMP, or GO81 daily inputs	4.61	21	27	27	37	40	1.63	
F0239	Remove or replace MTMs	4.60	2	3	3	3	1	.76	
E0181	Remove or replace directional couplers	4.60	23	28	27	24	10	2.17	
F0245	Remove or replace TDSPPs	4.60	4	7	6	9	3	1.29	
P0744	Counsel trainees on training progress	4.60	4	10	10	44	54	1.10	
J0522	Configure modems	4.60	57	58	61	46	23	6.00	
F0185	Remove or replace power combiners	4.60	17	16	16	16	5	1.61	

H0313	Perform PMIs on four way/four wire bridges	4.60	4	7	7	5	3	1.05
I0414	Perform PMIs on diversity combiners	4.60	6	6	6	3	2	1.02
H0336	Remove or replace series or parallel converters	4.60	7	10	8	6	2	1.12

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prtfac	2E1X1 Task Difficulty Ratings (Descending Order)	PF0002	'Occupational Analysis Program'					Page	16
			'AFOMS (AETC) Randolph AFB TX'						
D									
T Tsk		TSK	1-	1-	3-	5-	7-	TNG	
Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP	
I0399	Perform PMIs on digital recorders or printers	4.60	2	6	6	3	2	1.10	
E0186	Remove or replace power monitors	4.59	19	19	18	17	7	2.24	
L0641	Update workcenter training reports in CAMS, REMIS, IMMP, or GO81	4.59	22	32	31	37	38	1.37	
B0080	Remove or replace feedhorn assembly components	4.59	36	39	38	31	14	3.29	
F0209	Operationally check communications security (COMSEC) controls	4.59	26	29	27	23	10	2.93	
D0144	Perform PMIs on amplifiers	4.58	60	60	63	45	21	4.29	
L0636	Update EIL and master PMI listings	4.58	10	23	21	31	31	1.10	
H0309	Perform PMIs on bit synchronizers	4.58	13	12	12	10	4	1.49	
Q0763	Conduct self-inspections or self-assessments	4.58	10	16	16	30	60	1.59	
O0730	Request or distribute mobility requirements documents	4.57	4	5	5	6	13	.07	
I0449	Remove or replace line equalizers	4.57	3	5	4	4	2	.98	
P0755	Maintain training records or files	4.57	18	31	29	51	54	2.24	
D0146	Perform PMIs on interference suppression devices	4.56	18	19	19	14	1	2.27	
F0226	Perform PMIs on LMUs	4.56	9	7	6	6	1	1.88	
B0074	Remove or replace antennas	4.56	42	46	44	41	19	3.76	
I0395	Perform PMIs on CCVSs	4.56	3	2	3	1	2	.46	
I0419	Perform PMIs on hybrid term units	4.55	2	3	2	1	1	.80	
Q0766	Conduct safety inspections of equipment or facilities	4.55	9	13	13	27	47	1.61	
H0322	Remove or replace encoders or decoders	4.55	16	14	15	11	3	1.27	
J0556	Perform software loading procedures	4.55	11	18	17	21	11	2.15	
H0338	Remove or replace word selectors	4.54	2	2	2	2	0	.56	
D0145	Perform PMIs on down-converters	4.54	72	66	70	48	19	5.20	
F0246	Remove or replace TSMS	4.54	8	11	10	12	5	1.51	
I0396	Perform PMIs on command destruct systems	4.54	4	4	4	2	0	.27	
E0180	Remove or replace cooling air circulation system components	4.54	21	21	19	17	8	1.49	
H0310	Perform PMIs on modulators or demodulators	4.54	40	43	44	31	12	3.80	
I0418	Perform PMIs on hybrid bridges	4.54	2	3	2	2	2	.80	
I0401	Perform PMIs on infrared systems	4.53	2	2	2	1	0	.59	
F0221	Operationally check status display units (SDUs)	4.53	21	21	18	15	3	1.66	
M0644	Complete accident or incident reports	4.53	26	30	28	35	35	1.15	
K0590	Install or remove cable ladders	4.53	10	8	9	5	4	1.49	
I0461	Remove or replace remote control devices	4.53	8	10	9	6	3	.95	
H0337	Remove or replace two wire/four wire conversion and termination circuits	4.53	5	8	7	7	4	.80	
J0516	Configure antenna tracking systems	4.53	25	29	28	28	12	3.49	
H0324	Remove or replace four way/four wire bridges	4.53	6	7	6	6	4	1.02	
F0235	Remove or replace ESAs	4.52	3	5	4	4	3	1.02	
D0157	Remove or replace receivers	4.52	39	44	46	35	19	2.95	
B0070	Remove or replace antenna radomes	4.52	8	10	9	8	3	.98	
I0400	Perform PMIs on elapsed-time clocks	4.52	1	2	2	2	0	.59	
O0703	Inspect packed or palletized mobility or contingency equipment prior to transport	4.52	12	20	19	21	21	2.29	
B0076	Remove or replace de-icers or heaters	4.52	21	23	20	21	4	1.29	
Q0717	Perform plane file and mobility file matches	4.52	2	2	2	4	4	.48	



Q0760	Assign personnel to work areas or duty positions	4.51	1	3	2	16	50	.59
L0640	Update personnel data files in CAMS, REMIS, IMMP, or GO81	4.51	32	40	41	42	39	1.68

D								
T Tsk		TSK	1-	1-	3-	5-	7-	TNG
Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP
F0210	Operationally check dual COMSEC switching units (DCSUs)	4.51	9	11	10	7	3	1.71
I0417	Perform PMIs on frequency standards	4.51	18	20	20	18	9	2.39
I0398	Perform PMIs on countdown clocks	4.51	3	3	3	2	1	.71
F0219	Operationally check receiver-transmitter (RT) controls	4.50	32	32	31	25	7	2.83
E0175	Perform PMIs on ALCs	4.50	13	11	11	7	3	1.73
C0115	Operationally check tracking systems	4.50	27	34	34	34	14	3.95
I0435	Remove or replace BITE	4.50	28	31	32	22	8	2.29
B0079	Remove or replace feedhorn assemblies	4.49	43	46	46	41	17	3.59
B0077	Remove or replace dehydrators or pressurizers	4.49	17	22	20	23	8	1.56
I0411	Perform PMIs on automatic or manual transfer units or switching panels	4.49	4	5	5	4	1	1.24
F0227	Perform PMIs on TDSPPs	4.49	7	10	8	9	3	2.02
M0660	Prepare administrative or classified materials or documents for mailing, transporting, or issue	4.49	7	10	9	15	33	.93
I0416	Perform PMIs on fiber-optic systems	4.49	12	16	17	12	6	2.02
D0147	Perform PMIs on receivers	4.49	53	56	58	41	19	4.29
H0321	Remove or replace echo suppressors	4.49	6	8	8	7	2	1.37
F0218	Operationally check radio frequency (RF) controls	4.49	38	37	36	28	7	2.68
F0217	Operationally check message processor units (MPUs)	4.49	6	6	4	6	1	1.24
F0225	Perform PMIs on ESAs	4.48	4	5	4	4	2	1.51
H0306	Operationally check cryptographic equipment	4.47	26	33	33	30	17	3.78
D0151	Remove or replace frame sychros	4.47	11	11	12	7	3	1.24
I0409	Perform PMIs on analog-to-digital or digital-to-analog converters	4.47	16	19	19	13	4	2.15
B0072	Remove or replace antenna status equipment	4.46	26	36	35	30	13	2.59
O0715	Perform pallet buildup activities	4.46	34	34	34	27	19	2.41
J0559	Perform test tone level tests	4.46	17	16	17	10	7	2.63
Q0762	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	4.46	4	4	4	17	55	.39
B0064	Perform PMIs on antenna systems	4.44	70	72	74	55	19	4.46
J0567	Verify operational readiness with ground network or distant terminals	4.44	12	18	17	17	13	2.85
E0183	Remove or replace line-voltage regulators	4.43	10	14	13	10	7	1.88
A0019	Perform equipment cannibalization activities	4.43	32	41	43	40	19	1.34
J0530	Initiate satellite equipment reports (SERs)	4.43	24	28	29	23	8	2.98
H0334	Remove or replace out-of-band signaling and control circuits	4.43	5	7	7	5	2	.88
B0063	Perform PMIs on antenna status equipment	4.43	53	54	56	39	13	3.66
L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81	4.41	24	34	33	40	26	2.73
J0563	Submit after-action reports	4.41	9	17	14	25	17	2.37
M0650	Initiate technical order (TO) improvement reports, such as AFTO Forms 22 (Technical Order Improvement Report and Reply)	4.41	15	30	29	40	29	2.24
L0638	Update historical reports in CAMS, REMIS, IMMP, or GO81	4.41	23	36	36	41	28	2.27

I0426	Perform PMIs on RF combiners	4.41	13	18	17	13	3	1.56
F0216	Operationally check message processor controls	4.41	4	6	3	6	0	.95
H0303	Operate bit synchronizers	4.40	17	18	16	13	6	1.41

D	T Tsk	TSK	1-	1-	3-	5-	7-	TNG
Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP
G0273	Inspect life support equipment	4.40	5	6	6	5	1	.78
F0213	Operationally check force synchronizers	4.40	5	6	4	4	0	.98
J0557	Perform switchovers of equipment subassemblies to redundant equipment	4.40	26	31	31	29	15	3.68
D0156	Remove or replace receive combiners	4.40	19	21	21	18	9	2.22
F0228	Perform PMIs on TSMs	4.40	11	12	10	12	4	2.12
A0014	Install cross-connections	4.39	12	15	15	14	11	1.83
M0652	Initiate requests for temporary duty (TDY) orders	4.39	7	8	7	20	49	.46
J0519	Configure down-converters or up-converters	4.39	55	53	55	42	17	5.61
J0552	Perform RF level checks	4.38	39	39	40	30	13	3.59
H0328	Remove or replace level converters	4.38	18	19	20	12	5	1.44
D0154	Remove or replace power divider assemblies	4.37	25	20	22	15	5	2.02
C0117	Perform PMIs on tracking systems	4.37	31	36	36	32	13	3.37
A0005	Adjust user-calibrated test equipment	4.37	37	38	37	31	21	3.59
D0152	Remove or replace interference suppression devices	4.37	9	11	11	7	1	1.54
H0332	Remove or replace modulators or demodulators	4.36	42	46	45	37	13	3.63
H0304	Operate modulators or demodulators	4.36	47	49	50	35	17	4.34
H0325	Remove or replace frequency generators	4.36	17	21	21	16	5	1.95
O0722	Perform or set up site security	4.36	25	28	28	23	15	1.95
B0055	Adjust antenna status equipment	4.35	46	52	54	40	17	3.15
F0211	Operationally check emergency action message (EAM) equipment	4.35	10	12	10	14	7	1.37
O0713	Perform disease or pestilence countermeasures	4.35	12	12	11	10	8	1.61
L0637	Update manual documents, such as AFTO Form 349 (Maintenance Data Collection Record)	4.34	10	26	25	32	24	2.71
F0214	Operationally check line modem units (LMUs)	4.34	17	14	13	11	2	1.56
D0153	Remove or replace limiters	4.34	12	20	20	13	4	1.80
H0333	Remove or replace multiplexers or demultiplexers	4.33	50	49	50	38	18	3.10
H0305	Operate word selectors	4.33	2	2	2	2	0	.51
H0319	Remove or replace cryptographic equipment	4.33	27	30	31	26	13	2.46
H0335	Remove or replace power supplies	4.32	55	58	59	46	22	3.83
Q0767	Conduct supervisory orientations for newly assigned personnel	4.32	2	2	2	27	57	.56
B0083	Remove or replace quick reaction antenna (QRA) components	4.32	23	33	33	25	9	4.54
N0664	Coordinate maintenance of equipment with appropriate agencies	4.31	18	26	25	36	49	1.22
H0331	Remove or replace modems	4.30	54	56	56	44	17	4.02
F0223	Operationally check time standard modulators (TSMs)	4.30	12	14	11	13	4	1.56
I0415	Perform PMIs on equipment alarm circuits or automatic fault sensing and switching networks	4.30	7	12	10	10	4	1.85
O0710	Perform camouflage procedures	4.29	27	34	34	30	16	2.61
A0048	Troubleshoot or repair cross-connections	4.28	11	16	15	13	10	1.27
M0662	Review TO improvement reports, such as AFTO Forms 22	4.28	19	23	23	25	31	1.32
N0669	Initiate requisitions for equipment, tools, parts, or supplies	4.27	21	27	27	37	41	2.02
J0551	Perform receive signal level (PSL) checks	4.27	45	47	50	33	14	4.10

I0420	Perform PMIs on line conditioning equipment	4.27	3	7	6	6	4	1.05
O0675	Assign personnel to mobility or contingency positions	4.26	2	2	2	9	28	.29
I0428	Perform PMIs on station batteries	4.25	8	11	10	7	4	1.20

D	T Tsk	TSK	1-	1-	3-	5-	7-	TNG
Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP
I0413	Perform PMIs on distribution frames and associated wiring	4.23	5	8	7	6	2	1.29
I0469	Remove or replace general purpose power supplies	4.23	17	20	19	19	13	1.85
B0099	Troubleshoot or repair filter assemblies	4.23	31	34	35	25	12	2.12
A0051	Troubleshoot or repair pumps	4.22	8	11	10	9	4	.51
O0676	Brief deploying personnel	4.22	2	3	2	14	25	.41
O0712	Perform chemical warfare agent decontamination procedures	4.22	23	30	31	27	18	2.66
I0423	Perform PMIs on oscillators	4.21	19	18	18	12	5	1.83
M0657	Maintain TO libraries	4.20	26	36	37	33	25	2.27
B0065	Perform PMIs on antennas, other than antenna systems	4.20	45	50	50	38	13	3.41
L0632	Report equipment status to appropriate agencies	4.19	24	33	33	38	37	2.02
B0071	Remove or replace antenna reflector section components	4.18	27	34	33	31	14	2.71
B0084	Remove or replace relays	4.18	23	28	25	27	15	2.46
O0706	Maintain disaster preparedness checklists	4.18	7	12	13	15	17	1.00
Q0791	Inspect personnel for compliance with military standards	4.17	8	10	10	41	65	1.07
B0085	Remove or replace splitters or combiners	4.17	24	25	25	24	16	2.37
N0673	Maintain organizational equipment or supply records	4.17	13	20	19	29	31	1.76
K0571	Assemble and install interconnects	4.16	7	9	8	12	10	1.61
F0215	Operationally check magnetic tape memories (MTMs)	4.16	7	8	7	6	0	.85
O0721	Perform cover and concealment techniques for work party security	4.15	16	15	17	13	8	1.66
C0118	Remove or replace antenna tracking control drawers	4.15	21	29	28	27	10	2.83
B0075	Remove or replace cable trench sump pumps	4.14	7	8	6	5	2	.24
I0429	Perform PMIs on UPSs	4.14	14	18	17	13	5	1.51
E0176	Perform PMIs on cooling air circulation systems	4.13	21	22	21	18	5	2.12
O0734	Set up or tear down shelters	4.13	35	38	36	30	17	3.22
M0653	Inventory classified materials or documents	4.12	26	40	40	43	39	2.27
K0591	Install or remove cabling between van sites	4.12	18	24	24	17	8	2.10
O0737	Test ground systems at deployed locations	4.11	20	24	24	21	15	3.12
A0009	Inspect flight safety wire	4.11	7	6	6	4	3	.17
I0460	Remove or replace printers	4.09	11	16	13	16	7	.85
M0656	Maintain time compliance technical orders (TCTOs)	4.09	19	28	26	28	21	1.54
I0412	Perform PMIs on BITE	4.08	31	31	31	25	8	2.34
L0635	Review preventive maintenance schedules	4.08	30	43	39	48	39	2.85
I0427	Perform PMIs on remote control devices	4.06	8	9	9	6	3	.98
M0663	Write minutes of briefings, conferences, or meetings	4.06	6	10	8	19	43	.63
N0672	Maintain documentation on items requiring periodic inspections or calibrations	4.06	26	30	31	35	26	1.78
A0012	Install cable assemblies or internal wiring	4.04	40	48	46	45	29	3.29
K0570	Assemble and install cable troughs	4.03	8	10	8	9	6	.71
M0654	Maintain administrative files	4.03	12	20	21	29	53	1.05
M0655	Maintain publications libraries, other than TO libraries	4.01	14	23	21	28	29	1.46
F0212	Operationally check fault indicator panels (FIPs)	4.00	29	30	30	20	6	1.90
I0425	Perform PMIs on printers	3.99	10	15	12	14	6	.92

O0714	Perform explosive ordnance reconnaissance	3.99	19	19	20	19	15	2.20
M0645	Destroy classified materials or documents	3.99	40	50	51	51	42	3.15

D								
T Tsk		TSK	1-	1-	3-	5-	7-	TNG
Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP
P0740	Brief personnel concerning training programs or matters	3.99	2	10	6	33	48	.71
B0082	Remove or replace multicouplers	3.97	12	12	10	12	5	1.59
I0424	Perform PMIs on patch panels	3.94	21	25	26	17	8	2.22
M0659	Participate in TCTO meetings	3.93	4	6	6	6	12	.59
A0033	Remove or replace cable assemblies or internal wiring	3.92	46	55	52	52	30	3.07
M0661	Review TO changes	3.92	28	36	37	34	29	1.73
I0410	Perform PMIs on attenuator pads	3.90	5	8	8	5	2	1.44
B0073	Remove or replace antenna transmission lines or related components	3.88	31	37	34	34	16	2.80
O0704	Install ground systems at deployed locations	3.86	21	27	27	25	15	2.83
A0040	Remove or replace pumps	3.85	9	11	9	11	5	.66
G0271	Conduct aircrew mission briefings	3.85	2	2	2	3	3	.00
M0658	Maintain or update status indicators, such as boards, graphs, or charts	3.84	12	20	20	29	40	.71
I0432	Remove or replace attenuators	3.80	26	28	28	22	11	2.34
O0711	Perform camp security	3.79	22	30	31	26	17	2.20
G0270	Brief crew members or passengers on emergency procedures	3.79	10	14	15	13	3	.66
G0279	Secure equipment for takeoff or landing	3.77	6	4	4	7	3	.39
N0671	Issue or log turn-ins of equipment, tools, parts, or supplies	3.76	27	33	35	36	32	1.95
O0736	Tear down, inspect, clean, and reassemble weapons	3.75	24	32	32	27	21	2.51
Q0759	Annotate time and attendance sheets for civilian employees	3.68	1	1	1	2	4	.24
M0651	Initiate or maintain standby rosters or workcenter pyramid recall rosters	3.67	13	23	24	27	50	.71
A0011	Inspect waveguides	3.65	59	64	66	52	28	4.15
A0032	Remove or replace blower motors	3.61	38	47	48	44	18	2.56
G0276	Perform aircrew safety observer procedures	3.57	2	2	2	3	1	.41
P0741	Complete student entry or withdrawal forms	3.51	3	3	3	13	12	.34
A0036	Remove or replace cross-connections	3.50	13	16	16	14	11	1.59
A0052	Troubleshoot or repair equipment safety devices	3.50	27	29	28	23	8	3.46
N0670	Inventory equipment, tools, parts, or supplies	3.50	50	58	58	56	42	2.88
E0182	Remove or replace dummy loads	3.49	54	50	51	41	13	2.56
J0562	Report satellite status to appropriate agencies	3.42	22	30	28	29	17	3.76
A0024	Perform preventive maintenance inspections (PMIs) on CCAs	3.41	59	68	69	53	18	4.24
A0030	Remove electronic communications equipment	3.39	50	62	62	53	29	3.63
A0049	Troubleshoot or repair equipment grounds	3.39	44	51	51	40	23	3.37
O0735	Set up or tear down tents	3.39	36	39	38	33	20	2.83
J0515	Compose and transmit messages using teletype equipment	3.30	12	14	14	14	7	1.27
O0702	Inspect mobility bags or kits	3.20	23	29	29	28	21	1.98
N0674	Pick up, deliver, or store equipment, tools, parts, or supplies	3.20	43	45	47	41	36	1.88
O0696	Don or doff chemical warfare personal protective clothing	3.15	26	33	32	35	32	2.93



Q0761	Assign sponsors for newly assigned personnel	3.13	0	1	2	12	46	.54
A0015	Install equipment grounds	3.10	64	65	67	52	30	4.51
P0739	Administer or score tests	3.09	2	4	4	25	18	.49

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D								
T Tsk		TSK	1-	1-	3-	5-	7-	TNG
Y Nbr	Task Title	DIF	24	48	LVL	LVL	LVL	EMP
A0025	Perform PMIs on cross-connections	3.03	17	19	19	12	4	1.27
A0042	Remove or replace equipment safety devices	3.00	30	36	35	29	13	3.34
B0061	De-ice antennas	3.00	31	32	31	23	6	1.88
A0028	Perform PMIs on cable assemblies or internal wiring	2.96	40	47	46	37	16	2.85
B0102	Visually inspect antenna couplers	2.90	30	34	33	28	16	2.76
G0275	Monitor radio communication transmissions	2.89	14	14	14	12	9	1.54
A0002	Adjust circuit card assemblies (CCAs)	2.89	66	66	71	51	25	3.46
A0006	Adjust equipment safety devices	2.84	28	32	33	26	13	3.44
B0104	Visually inspect antenna reflector sections	2.70	40	47	47	41	21	3.12
B0103	Visually inspect antenna radomes	2.68	19	22	22	19	8	1.78
A0027	Perform PMIs on equipment safety devices	2.66	43	49	51	34	11	3.46
A0003	Adjust cross-connections	2.62	12	18	18	15	10	1.22
B0106	Visually inspect feedhorn assemblies	2.58	51	57	59	48	22	3.95
B0081	Remove or replace filter assemblies	2.55	36	46	43	38	17	2.85
B0108	Visually inspect waveguides	2.50	62	65	65	51	26	4.66
O0727	Prepare sites at deployed locations, such as cutting grass or removing snow	2.49	12	19	19	17	8	1.54
A0037	Remove or replace equipment grounds	2.48	64	65	68	52	29	3.76
B0107	Visually inspect QRAs	2.48	33	39	41	26	11	3.98
A0023	Perform system power-ups	2.46	84	86	87	78	42	5.93
A0026	Perform PMIs on equipment grounds	2.46	46	53	54	41	19	3.56
A0022	Perform system power-downs	2.40	84	87	88	78	42	5.98
B0105	Visually inspect antennas	2.36	60	68	69	55	29	4.02
J0514	Annotate master station or project logs	2.33	28	38	36	40	21	3.17
G0274	Inspect ramp areas for foreign object damage (FOD) matter	2.11	4	5	4	7	4	.66
A0001	Adjust cable assemblies or internal wiring	2.10	46	51	51	47	21	1.78
A0034	Remove or replace CCAs	2.04	79	76	79	63	33	4.49
O0695	Dig trenches, such as around tents and shelters	2.00	18	20	21	18	8	1.46
A0017	Perform corrosion control	1.74	75	79	80	68	30	4.07
A0004	Adjust equipment grounds	1.70	63	66	67	51	24	2.83
B0069	Remove or replace antenna lights	1.63	32	41	41	33	13	2.24
A0054	Visually inspect safety cables	1.58	48	54	58	36	16	3.32
A0053	Visually inspect guidewires	1.51	42	45	51	29	13	2.66
A0031	Remove or replace air filters	.67	71	79	80	66	26	2.93
A0039	Remove or replace minor plug-in or screw-in electronic components	.49	68	72	72	63	33	2.95
A0050	Troubleshoot or repair light bulbs	.35	46	51	52	36	19	1.63
A0038	Remove or replace light bulbs	-.62	79	85	86	72	33	2.34



## Report Option Table

Factor Title			Mean	S.D.	Based on All Tasks Within Ran Option			
					Max	Min	Valid	
Primary Sort	F0068	2E1X1 Automated Training Indicators			5.55	5.00	18.00	797
Secondary Sort		Not Used			.00	.00	.00	797
Print Suppress		Not Used						

## Description of Reported Factors

Col	Factor	Source vector	Title	Number Members	Mean	S.D.	Max	Min	Valid
1	TITLE		Task Statement						
2	F0020	GP0020/PMP	All DAFSC 2E1X1 AD Amn with 1-48 Mos TAFMS	377	18.84	17.47	86.74	.53	806
3	F0066	TF0002/RMN	2E1X1 Training Emphasis Ratings	41	1.75	1.29	6.41	.00	806
4	F0067	TF0001/SMN	2E1X1 Task Difficulty Ratings	71	5.00	1.00	8.25	-.62	806
5	F0068	TF0001/FGN	2E1X1 Automated Training Indicators	0	5.55	5.00	18.00	1.00	797



CRITERION GRP % MBRS PERFORMING	TRAINING EMPHASIS (TE) RATING	TASK DIFFICULTY (TD) RATING	ADDITIONAL DECISION FACTORS	AUTOMATED TRAINING INDICATOR
=====	=====	=====	=====	=====
49.5 to 100	HIGH (1 S.D. or more above the mean) 3.04 - 9.0	4.0 to 9.0 0 to 3.99	Documented critical or safety item ? * a. YES b. NO	ATI 18 ATI 13*
49.5 to 100	ABOVE AVERAGE (Mean to 1 S.D. above the mean) 1.76 - 3.03	4.0 to 9.0 0 to 3.99	Documented critical or safety item ? * a. YES b. NO	ATI 17 ATI 8
49.5 to 100	MEAN or BELOW 0.01 - 1.75	4.0 to 9.0 0 to 3.99	Determine why tng emphasis is low	ATI 16 ATI 6
=====	=====	=====	=====	=====
29.5 to 49.4	HIGH (1 S.D. or more above the mean) 3.04 - 9.0	4.0 to 9.0 0 to 3.99	Documented critical or safety item? * a. YES b. NO	ATI 12* ATI 10*
29.5 to 49.4	ABOVE AVERAGE (Mean to 1 S.D. above the mean) 1.76 - 3.03	4.0 to 9.0 0 to 3.99	Documented critical or safety item? * a. YES b. NO	ATI 15 ATI 5
29.5 to 49.4	MEAN or BELOW 0.01 - 1.75	4.0 to 9.0 0 to 3.99	Determine why tng emphasis is low	ATI 14 ATI 4
=====	=====	=====	=====	=====
0 to 29.4	HIGH (1 S.D. or more above the mean) 3.04 - 9.0	4.0 to 9.0 0 to 3.99	Documented critical or safety item ? * a. YES b. NO	ATI 11* ATI 9*
0 to 29.4	ABOVE AVERAGE (Mean to 1 S.D. above the mean) 1.76 - 3.03	4.0 to 9.0 0 to 3.99	Documented critical or safety item ? * a. YES b. NO	ATI 7 ATI 3

Automated Training Indicators (ATI) are derived from criterion group percent members performing (normally 1-48 months TAFMS), Training Emphasis (TE) and Task Difficulty (TD) data based upon the Training Decision Logic Table in AETCI 36-2601, Attachment 2. Presented is the ATI chart and corresponding training decisions to be used as an aid in making training decisions.

For further explanation or assistance, phone AFOMS/OMYO, at DSN 487-6811.

		MEAN or BELOW	4.0 to 9.0			ATI 2	
0 to 29.4			-----	-----		ATI 1	
		0.01 - 1.75	0 to 3.99				

## TRAINING DECISION (TYPE TRAINING PROVIDED)

## ATI

## ATI

18 TASK KNOWLEDGE AND PERFORMANCE, based on high percent members performing, high Training Emphasis (TE), and sufficient Task Difficulty (TD)

17 TASK KNOWLEDGE AND PERFORMANCE based on high percent members performing, above average TE and sufficient TD

16 TASK KNOWLEDGE AND PERFORMANCE, based on high percent members performing, and sufficient TD, unless otherwise justified (for low TE)

15 TASK KNOWLEDGE ONLY, based on moderate percent members performing, above average TE and sufficient TD

14 TASK KNOWLEDGE ONLY, based on moderate percent members performing, low TE and sufficient TD, unless justified (for low TE)

13a TASK KNOWLEDGE AND PERFORMANCE, based on high percent members performing and documented critical or safety item (if not justified, train at ATI 13b or 8)

13b TRAIN BY OJT: NO CENTRALIZED TRAINING based on low TD and lack of criticality or safety issue (may be included as a brief teaching step)

12a TASK KNOWLEDGE AND PERFORMANCE, based on critical or safety item, high TE, and moderate percent members performing. (if not justified, train at ATI 12b or 15)

12b TASK KNOWLEDGE ONLY, based on moderate percent members performing, high TE and sufficient TD, unless otherwise justified

11a TASK KNOWLEDGE AND PERFORMANCE, if most appropriate place to train is school based on inability of field to train (and documented as critical or safety item, otherwise train at ATI 11b)

11b TRAIN BY OJT: NO CENTRALIZED TRAINING

10a TASK KNOWLEDGE ONLY or EMPHASIZED TEACHING STEP, based on critical or safety item, low TD, and moderate percent members performing (if not justified, train at ATI 10b)

9a TASK KNOWLEDGE ONLY, if most appropriate place to train is school, based on low percent members performing, low TD (and documented as critical or safety item, otherwise train at ATI 9b)

9b TRAIN BY OJT: NO CENTRALIZED TRAINING based on low percent members performing, low TD, unless justified

8 TRAIN BY OJT: NO CENTRALIZED TRAINING based on low TD (may be mentioned as a brief teaching step)

7 TRAIN BY OJT: NO CENTRALIZED TRAINING based on low percent members performing, unless otherwise justified

6 TRAIN BY OJT: NO CENTRALIZED TRAINING based on low TD and average or low TE

5 TRAIN BY OJT: NO CENTRALIZED TRAINING based on low TD and moderate percent members performing and field recommended TE

4 TRAIN BY OJT: NO CENTRALIZED TRAINING based on low TD low TE, and only moderate percent members performing

3 TRAIN BY OJT: NO CENTRALIZED TRAINING based low percent members performing and low TD

2 TRAIN BY OJT: NO CENTRALIZED TRAINING based on low percent members performing and low TD

1 TRAIN BY OJT: NO CENTRALIZED TRAINING based on low percent members performing, low TD and low TE

## CRITICALITY consider:

(1) Probable Consequences of Inadequate Performance  
- (Minimal to Disastrous)

(2) Task Delay Tolerance (How long can it wait?)  
- (Extremely low delay to extremely large delay)



10b TRAIN BY OJT: NO CENTRALIZED TRAINING based on low TD and  
lack of criticality or safety issue

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			'AFOMS (AETC) Randolph AFB TX'					
D								
T Tsk		1ST	TNG	TSK		ATI		
Y Nbr	Task Title	ENL	EMP	DIF				
B0065	Perform PMIs on antennas, other than antenna systems	50	3.41	4.20		18		
J0522	Configure modems	58	6.00	4.60		18		
D0147	Perform PMIs on receivers	56	4.29	4.49		18		
H0292	Adjust modems	53	4.39	5.19		18		
A0021	Perform system diagnostics	55	5.27	5.58		18		
H0294	Adjust multiplexers or demultiplexers	51	4.73	5.33		18		
A0007	Fabricate or repair equipment cables	69	3.66	5.39		18		
D0136	Adjust amplifiers	61	4.51	5.38		18		
E0201	Troubleshoot or repair up-converters	55	5.12	6.17		18		
J0538	Perform bit error rate tests	51	4.76	4.90		18		
J0523	Configure multiplexers or demultiplexers	59	5.68	4.79		18		
J0524	Configure patch panels	58	5.80	4.99		18		
A0013	Install communications equipment	60	4.41	5.60		18		
A0046	Troubleshoot or repair cable assemblies or internal wiring	50	3.73	5.22		18		
H0335	Remove or replace power supplies	58	3.83	4.32		18		
A0016	Operationally check system or test equipment	74	6.41	5.23		18		
D0145	Perform PMIs on down-converters	66	5.20	4.54		18		
D0138	Adjust down-converters	65	5.41	4.90		18		
E0179	Perform PMIs on up-converters	60	5.17	4.63		18		
D0148	Remove or replace amplifiers	55	3.20	5.07		18		
E0173	Adjust up-converters	58	4.93	5.24		18		
D0150	Remove or replace down-converters	61	4.05	4.64		18		
B0055	Adjust antenna status equipment	52	3.15	4.35		18		
B0064	Perform PMIs on antenna systems	72	4.46	4.44		18		
H0353	Troubleshoot or repair multiplexers or demultiplexers	51	3.88	6.22		18		
H0314	Perform PMIs on modems	54	4.76	4.67		18		
H0315	Perform PMIs on multiplexers and demultiplexers	57	4.90	4.90		18		
B0060	Assemble or disassemble antennas	56	4.49	5.09		18		
H0351	Troubleshoot or repair modems	56	4.51	6.28		18		
D0144	Perform PMIs on amplifiers	60	4.29	4.58		18		
H0331	Remove or replace modems	56	4.02	4.30		18		
D0164	Troubleshoot or repair down-converters, other than tracking down-converters	51	4.73	6.20		18		
J0519	Configure down-converters or up-converters	53	5.61	4.39		18		
J0528	Establish communications links	52	5.41	6.05		18		
B0063	Perform PMIs on antenna status equipment	54	3.66	4.43		18		
L0638	Update historical reports in CAMS, REMIS, IMMP, or GO81	36	2.27	4.41		15		
O0709	Pack or palletize mobility or contingency equipment for shipment or movement such as, airlift, road, or sealift	30	2.49	5.14		15		
J0546	Perform noise figure tests	34	2.59	5.77		15		
C0113	Adjust tracking servo controls	32	3.02	5.87		15		
O0710	Perform camouflage procedures	34	2.61	4.29		15		
O0725	Prepare equipment for deployments	30	2.39	5.04		15		
M0650	Initiate technical order (TO) improvement reports	30	2.24	4.41		15		

such as AFTO Forms 22 (Technical Order Improvement  
Report and Reply)

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D								
T Tsk		1ST	TNG	TSK		ATI		
Y Nbr	Task Title	ENL	EMP	DIF				
M0657	Maintain TO libraries	36	2.27	4.20		15		
I0412	Perform PMIs on BITE	31	2.34	4.08		15		
D0157	Remove or replace receivers	44	2.95	4.52		15		
F0218	Operationally check radio frequency (RF) controls	37	2.68	4.49		15		
B0067	Remove or replace antenna coupler components	37	2.34	4.78		15		
L0632	Report equipment status to appropriate agencies	33	2.02	4.19		15		
D0141	Adjust pre- or post-selectors	33	2.49	4.79		15		
F0212	Operationally check fault indicator panels (FIPs)	30	1.90	4.00		15		
A0035	Remove or replace circuit board soldered electronic components	32	2.46	5.86		15		
B0072	Remove or replace antenna status equipment	36	2.59	4.46		15		
M0653	Inventory classified materials or documents	40	2.27	4.12		15		
C0132	Troubleshoot or repair tracking servo controls	31	2.95	6.27		15		
L0631	Perform time compliance technical order (TCTO) inspections	36	2.46	5.43		15		
M0648	Identify and report suspected security compromises	31	2.95	4.69		15		
N0667	Evaluate serviceability of equipment, tools, parts, or supplies	37	2.54	4.65		15		
B0068	Remove or replace antenna drive equipment	47	2.83	5.26		15		
A0047	Troubleshoot or repair CCAs	49	2.83	6.00		15		
O0712	Perform chemical warfare agent decontamination procedures	30	2.66	4.22		15		
B0099	Troubleshoot or repair filter assemblies	34	2.12	4.23		15		
N0672	Maintain documentation on items requiring periodic inspections or calibrations	30	1.78	4.06		15		
P0743	Conduct on-the-job training (OJT)	42	2.07	5.10		15		
O0715	Perform pallet buildup activities	34	2.41	4.46		15		
L0639	Update maintenance data collection (MDC) data in CAMS, REMIS, IMMP, or GO81	34	2.73	4.41		15		
J0531	Monitor frequencies, such as to determine interference or equipment operation	30	2.63	4.89		15		
I0503	Troubleshoot or repair patch panels	30	3.00	5.60		15		
F0219	Operationally check receiver-transmitter (RT) controls	32	2.83	4.50		15		
E0191	Troubleshoot dummy loads	35	2.22	5.11		15		
P0755	Maintain training records or files	31	2.24	4.57		15		
B0071	Remove or replace antenna reflector section components	34	2.71	4.18		15		
L0635	Review preventive maintenance schedules	43	2.85	4.08		15		
H0319	Remove or replace cryptographic equipment	30	2.46	4.33		15		
I0435	Remove or replace BITE	31	2.29	4.50		15		
N0668	Identify and report equipment or supply problems	37	1.56	4.72		14		
M0644	Complete accident or incident reports	30	1.15	4.53		14		
L0640	Update personnel data files in CAMS, REMIS, IMMP, or GO81	40	1.68	4.51		14		
L0633	Retrieve CAMS, REMIS, IMMP, or GO81 listings or reports	38	1.59	4.68		14		
L0641	Update workcenter training reports in CAMS, REMIS, IMMP, or GO81	32	1.37	4.59		14		

A0045	Troubleshoot or repair blower motors	31	1.71	4.61	14
A0019	Perform equipment cannibalization activities	41	1.34	4.43	14
A0030	Remove electronic communications equipment	62	3.63	3.39	13

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			'AFOMS (AETC) Randolph AFB TX'					
D								
T Tsk		1ST	TNG	TSK		ATI		
Y Nbr	Task Title	ENL	EMP	DIF				
A0054	Visually inspect safety cables	54	3.32	1.58		13		
A0002	Adjust circuit card assemblies (CCAs)	66	3.46	2.89		13		
A0022	Perform system power-downs	87	5.98	2.40		13		
A0034	Remove or replace CCAs	76	4.49	2.04		13		
B0106	Visually inspect feedhorn assemblies	57	3.95	2.58		13		
A0026	Perform PMIs on equipment grounds	53	3.56	2.46		13		
B0108	Visually inspect waveguides	65	4.66	2.50		13		
A0024	Perform preventive maintenance inspections (PMIs) on CCAs	68	4.24	3.41		13		
B0105	Visually inspect antennas	68	4.02	2.36		13		
A0033	Remove or replace cable assemblies or internal wiring	55	3.07	3.92		13		
A0037	Remove or replace equipment grounds	65	3.76	2.48		13		
A0049	Troubleshoot or repair equipment grounds	51	3.37	3.39		13		
M0645	Destroy classified materials or documents	50	3.15	3.99		13		
A0017	Perform corrosion control	79	4.07	1.74		13		
A0023	Perform system power-ups	86	5.93	2.46		13		
A0015	Install equipment grounds	65	4.51	3.10		13		
A0011	Inspect waveguides	64	4.15	3.65		13		
J0526	Configure timing equipment	35	4.27	5.37		12		
F0206	Configure Air Force Satellite Communications (AFSATCOM) terminal equipment	34	3.93	6.07		12		
C0134	Troubleshoot or repair tracking systems	35	3.41	6.28		12		
A0018	Perform end-to-end check-outs	47	5.93	5.95		12		
B0094	Troubleshoot or repair antenna transmission lines or related components	34	3.17	5.47		12		
H0306	Operationally check cryptographic equipment	33	3.78	4.47		12		
H0332	Remove or replace modulators or demodulators	46	3.63	4.36		12		
H0310	Perform PMIs on modulators or demodulators	43	3.80	4.54		12		
B0088	Troubleshoot or repair antenna controls	48	3.90	5.42		12		
C0114	Adjust tracking systems	32	3.46	5.82		12		
H0300	Configure cryptographic equipment	36	3.49	4.95		12		
E0174	Adjust high-voltage power supplies	46	4.90	5.86		12		
H0304	Operate modulators or demodulators	49	4.34	4.36		12		
C0117	Perform PMIs on tracking systems	36	3.37	4.37		12		
B0066	Remove or replace antenna controls	44	3.15	4.76		12		
B0089	Troubleshoot or repair antenna drive equipment	48	3.66	5.90		12		
E0188	Remove or replace transmitters	34	3.34	5.25		12		
B0101	Troubleshoot or repair waveguides	40	3.12	5.27		12		
O0734	Set up or tear down shelters	38	3.22	4.13		12		
D0137	Adjust automatic gain controls (AGCs)	49	3.76	5.18		12		
J0552	Perform RF level checks	39	3.59	4.38		12		
E0189	Remove or replace high-voltage power supply components	38	3.41	5.60		12		
E0178	Perform PMIs on transmitters	47	4.66	4.96		12		
J0553	Perform satellite acquisition procedures	49	5.71	5.09		12		
A0012	Install cable assemblies or internal wiring	48	3.29	4.04		12		
A0005	Adjust user-calibrated test equipment	38	3.59	4.37		12		
D0142	Adjust receiver gain monitors	32	2.48	4.88		12		

K0617	Set up antenna systems	43	4.78	5.54	12
H0352	Troubleshoot or repair modulators or demodulators	48	4.22	6.22	12
B0093	Troubleshoot or repair antenna systems	49	4.20	5.82	12

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D						
T Tsk		1ST	TNG	TSK	ATI	
Y Nbr	Task Title	ENL	EMP	DIF		
C0130	Troubleshoot or repair tracking down-converters	45	4.15	6.14	12	
C0129	Troubleshoot or repair tracking demodulators	32	3.10	6.20	12	
B0092	Troubleshoot or repair antenna status equipment	38	3.37	5.69	12	
H0293	Adjust modulators or demodulators	47	4.46	5.34	12	
I0362	Adjust built-in test equipment (BITE)	40	3.37	4.79	12	
J0551	Perform receive signal level (RSL) checks	47	4.10	4.27	12	
D0168	Troubleshoot or repair receivers	41	3.73	6.25	12	
D0161	Troubleshoot or repair amplifiers	43	3.83	6.21	12	
B0090	Troubleshoot or repair antenna positioning circuits	38	3.59	6.33	12	
A0043	Solder or desolder connectors or hardwire circuits	43	3.51	4.71	12	
B0080	Remove or replace feedhorn assembly components	39	3.29	4.59	12	
J0541	Perform communications circuit fault isolation procedures	33	4.27	5.69	12	
B0074	Remove or replace antennas	46	3.76	4.56	12	
D0143	Adjust receivers	48	4.34	4.98	12	
H0296	Adjust power supplies	42	4.22	4.89	12	
E0177	Perform PMIs on high-voltage power supplies	47	4.39	5.13	12	
E0200	Troubleshoot or repair transmitters	38	4.63	6.40	12	
C0131	Troubleshoot or repair tracking receivers	38	3.61	6.17	12	
C0109	Adjust antenna positioning circuits	32	3.27	5.52	12	
B0079	Remove or replace feedhorn assemblies	46	3.59	4.49	12	
J0545	Perform loop-back or end-to-end tests	49	4.24	5.37	12	
B0059	Assemble feedhorn assemblies	47	3.37	4.80	12	
K0589	Install or remove antenna systems	40	3.49	5.14	12	
B0095	Troubleshoot or repair antennas, other than antenna systems	31	3.17	5.34	12	
J0529	Establish orderwire contacts	44	5.27	5.33	12	
H0355	Troubleshoot or repair power supplies	46	4.10	6.07	12	
J0557	Perform switchovers of equipment subassemblies to redundant equipment	31	3.68	4.40	12	
J0555	Perform satellite tracking procedures	49	5.34	4.82	12	
H0333	Remove or replace multiplexers or demultiplexers	49	3.10	4.33	12	
B0083	Remove or replace quick reaction antenna (QRA) components	33	4.54	4.32	12	
K0587	Fabricate or repair cable connectors	38	3.05	5.18	12	
C0115	Operationally check tracking systems	34	3.95	4.50	12	
E0203	Troubleshoot or repair high-voltage power supplies	45	4.32	6.64	12	
H0307	Perform modem bit error rate tests	45	4.90	4.72	12	
B0062	Perform waveguide insertion loss procedures	28	3.32	5.52	11	
J0554	Perform satellite network operations procedures	23	3.44	5.21	11	
H0308	Perform modem link characterization tests	16	3.17	5.69	11	
J0516	Configure antenna tracking systems	29	3.49	4.53	11	
E0172	Adjust transmit-gain circuits	27	3.24	5.18	11	
K0620	Site antenna systems	20	3.76	5.46	11	
F0248	Troubleshoot AFSATCOM systems to identify faulty units	23	3.07	6.49	11	
J0521	Configure global positioning satellite (GPS) receivers	22	3.73	4.90	11	
C0727	Test ground systems at deployed locations	24	3.12	4.11	11	



J0539	Perform carrier-to-receiver noise density (C/kT) checks	19	3.10	5.76	11
D0163	Troubleshoot or repair digital receivers	24	3.15	6.43	11

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				'AFOMS (AETC) Randolph AFB TX'				
D								
T Tsk			1ST	TNG	TSK	ATI		
Y Nbr	Task Title		ENL	EMP	DIF			
A0006	Adjust equipment safety devices		32	3.44	2.84	10		
J0562	Report satellite status to appropriate agencies		30	3.76	3.42	10		
J0514	Annotate master station or project logs		38	3.17	2.33	10		
A0042	Remove or replace equipment safety devices		36	3.34	3.00	10		
B0104	Visually inspect antenna reflector sections		47	3.12	2.70	10		
A0027	Perform PMIs on equipment safety devices		49	3.46	2.66	10		
B0107	Visually inspect QRAs		39	3.98	2.48	10		
A0052	Troubleshoot or repair equipment safety devices		29	3.46	3.50	9		
E0182	Remove or replace dummy loads		50	2.56	3.49	8		
N0670	Inventory equipment, tools, parts, or supplies		58	2.88	3.50	8		
A0004	Adjust equipment grounds		66	2.83	1.70	8		
A0001	Adjust cable assemblies or internal wiring		51	1.78	2.10	8		
A0039	Remove or replace minor plug-in or screw-in electronic components		72	2.95	.49	8		
A0031	Remove or replace air filters		79	2.93	.67	8		
D0166	Troubleshoot or repair pre- or post-selectors		25	1.93	6.04	7		
J0550	Perform receive link gain checks		20	3.02	5.41	7		
I0416	Perform PMIs on fiber-optic systems		16	2.02	4.49	7		
B0086	Troubleshoot diplexers or duplexers		21	2.29	5.52	7		
A0020	Perform software configurations on computer-based systems		27	2.49	5.76	7		
C0110	Adjust brake systems		21	2.12	5.42	7		
F0240	Remove or replace RF controls		19	2.12	4.76	7		
K0594	Install or remove fixed communications equipment		17	2.05	5.33	7		
C0116	Perform PMIs on software configuration systems		18	2.32	4.64	7		
E0198	Troubleshoot or repair power monitors		20	2.49	6.14	7		
J0565	Submit satellite access requests		21	1.85	5.08	7		
C0128	Troubleshoot or repair software configuration systems		12	1.83	6.25	7		
D0149	Remove or replace detectors or discriminators		15	1.88	4.74	7		
B0098	Troubleshoot or repair dehydrators or pressurizers		23	2.15	5.57	7		
J0537	Perform baseband sweep procedures		14	2.00	5.23	7		
I0444	Remove or replace frequency standards		16	2.39	4.85	7		
E0181	Remove or replace directional couplers		28	2.17	4.60	7		
B0078	Remove or replace diplexers or duplexers		22	2.07	4.73	7		
B0057	Adjust tuneable waveguides		17	1.98	5.79	7		
E0176	Perform PMIs on cooling air circulation systems		22	2.12	4.13	7		
H0325	Remove or replace frequency generators		21	1.95	4.36	7		
D0146	Perform PMIs on interference suppression devices		19	2.27	4.56	7		
D0153	Remove or replace limiters		20	1.80	4.34	7		
B0084	Remove or replace relays		28	2.46	4.18	7		
B0085	Remove or replace splitters or combiners		25	2.37	4.17	7		
C0118	Remove or replace antenna tracking control drawers		29	2.83	4.15	7		
B0087	Troubleshoot splitters or combiners		25	2.80	5.46	7		
J0536	Perform baseband loading procedures		9	1.90	5.07	7		
I0409	Perform PMIs on analog-to-digital or digital-to-analog converters		19	2.15	4.47	7		
E0185	Remove or replace power monitors		18	2.24	4.58	7		

K0599 Interpret blueprints, cabling, circuit or wiring  
schematic diagrams

23 1.85 6.28

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D								
T Tsk		1ST	TNG	TSK		ATI		
Y Nbr	Task Title	ENL	EMP	DIF				
J0540	Perform changeovers between commercial power and back up generators	28	2.73	4.63		7		
C0125	Troubleshoot or repair brake systems	18	1.90	5.92		7		
E0190	Troubleshoot directional couplers	24	2.29	5.98		7		
E0199	Troubleshoot or repair transmit-gain circuits	20	2.83	6.17		7		
D0160	Troubleshoot power divider assemblies	18	1.80	6.18		7		
D0169	Troubleshoot or repair waveguide switching networks	26	2.78	6.01		7		
F0226	Perform PMIs on LMUs	7	1.88	4.56		7		
I0431	Remove or replace analog-to-digital or digital-to-analog converters	20	2.00	4.82		7		
B0100	Troubleshoot or repair relays	22	2.22	4.95		7		
J0549	Perform patch or test facilities alternate circuit routing procedures	13	2.56	5.34		7		
F0262	Troubleshoot or repair RF controls	24	2.46	6.14		7		
E0183	Remove or replace line-voltage regulators	14	1.88	4.43		7		
B0056	Adjust dehydrators or pressurizers	26	1.95	4.81		7		
A0041	Remove or replace surface-mounted devices on circuit boards	20	1.78	5.49		7		
D0154	Remove or replace power divider assemblies	20	2.02	4.37		7		
J0559	Perform test tone level tests	16	2.63	4.46		7		
D0140	Adjust mixers	25	2.56	5.09		7		
F0253	Troubleshoot or repair DCSUs	10	1.98	6.24		7		
A0014	Install cross-connections	15	1.83	4.39		7		
K0615	Prepare site for equipment installation	21	1.93	5.35		7		
J0560	Perform transmission line loss measurements	11	1.93	4.97		7		
O0681	Conduct mobility or deployment site surveys	14	1.85	5.67		7		
O0722	Perform or set up site security	28	1.95	4.36		7		
F0207	Operationally check automatic send and receive (ASR) units	8	1.76	4.62		7		
I0372	Adjust fiber-optic systems	13	2.02	5.58		7		
I0373	Adjust frequency standards	23	2.68	5.21		7		
H0318	Remove or replace computer interface equipment	11	1.78	4.83		7		
J0567	Verify operational readiness with ground network or distant terminals	18	2.85	4.44		7		
I0472	Troubleshoot or repair analog-to-digital or digital-to-analog converters	20	1.98	6.12		7		
J0561	Perform voltage standing wave ratio (VSWR) measurements	22	2.41	5.28		7		
E0202	Troubleshoot or repair uplink waveguide switching networks	19	2.68	6.25		7		
H0323	Remove or replace fiber-optic receivers or transmitters	14	2.54	4.69		7		
O0700	Inspect cut sheets	25	2.85	5.51		7		
N0669	Initiate requisitions for equipment, tools, parts, or supplies	27	2.02	4.27		7		
J0542	Perform frequency response tests	17	2.34	5.87		7		
F0415	Perform PMIs on equipment alarm circuits or automatic	12	1.85	4.30		7		

	fault sensing and switching networks				
Q0784	Evaluate job hazards or compliance with Air Force	11	1.85	5.17	7
	Occupational Safety and Health (AFOSH) Program				

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T Tsk		1ST	TNG	TSK	ATI
Y Nbr	Task Title	ENL	EMP	DIF	
F0209	Operationally check communications security (COMSEC) controls	29	2.93	4.59	7
E0194	Troubleshoot or repair automatic leveling systems	10	1.83	6.29	7
F0227	Perform PMIs on TDSPPs	10	2.02	4.49	7
F0228	Perform PMIs on TSMs	12	2.12	4.40	7
J0517	Configure automatic or manual transfer units or switching panels	14	1.95	4.83	7
D0158	Remove or replace waveguide switching networks	25	2.02	4.88	7
C0135	Troubleshoot or repair transponders	12	1.95	6.22	7
I0504	Troubleshoot or repair power distribution panels	18	1.80	5.70	7
E0193	Troubleshoot power combiners	17	2.20	6.01	7
O0682	Configure mobile vans	29	2.24	5.54	7
C0123	Remove or replace tracking system components	25	2.39	5.25	7
A0044	Troubleshoot user-calibrated test equipment	28	1.85	5.70	7
L0637	Update manual documents, such as AFTO Form 349 (Maintenance Data Collection Record)	26	2.71	4.34	7
J0530	Initiate satellite equipment reports (SERs)	28	2.98	4.43	7
O0719	Perform site surveys for ground systems	17	1.90	5.00	7
F0232	Remove or replace COMSEC controls	15	1.88	4.94	7
I0465	Remove or replace synthesizers	21	1.93	4.72	7
A0010	Inspect waveguide switching networks	26	1.83	4.88	7
K0611	Prepare job completion documentation	20	1.76	4.88	7
K0596	Install or remove master station grounds	15	1.98	4.77	7
I0469	Remove or replace general purpose power supplies	20	1.85	4.23	7
D0162	Troubleshoot or repair detectors or discriminators	13	1.90	6.26	7
C0119	Remove or replace brake systems	17	1.90	5.23	7
J0520	Configure equipment for network operations	21	3.00	5.17	7
I0513	Troubleshoot or repair general purpose power supplies	20	2.51	5.76	7
I0370	Adjust equipment alarm circuits or automatic fault sensing and switching networks	14	1.88	5.20	7
I0475	Troubleshoot or repair BITE	27	2.17	5.72	7
D0156	Remove or replace receive combiners	21	2.22	4.40	7
E0197	Troubleshoot or repair power amplifier monitoring systems	24	2.95	6.05	7
I0360	Adjust automatic frequency controls (AFCs)	11	1.98	5.12	7
I0383	Adjust oscillators	28	2.80	5.16	7
J0548	Perform orderwire noise level tests	11	1.80	5.51	7
K0609	Perform site survey procedures	21	2.27	5.95	7
I0392	Adjust general purpose power supplies	18	2.05	4.77	7
J0563	Submit after-action reports	17	2.37	4.41	7
J0556	Perform software loading procedures	18	2.15	4.55	7
C0133	Troubleshoot or repair tracking synchro controls	21	2.63	6.21	7
I0488	Troubleshoot or repair frequency standards	18	2.59	6.26	7
D0167	Troubleshoot or repair receive combiners	23	2.32	6.33	7
O0692	Develop cut sheets	18	2.24	6.31	7
I0417	Perform PMIs on frequency standards	20	2.39	4.51	7
E0196	Troubleshoot or repair line-voltage regulators	12	2.02	6.00	7

I0363	Adjust carrier-level detectors	11	1.93	5.06	7
I0388	Adjust synthesizers	21	2.63	5.00	7
N0673	Maintain organizational equipment or supply records	20	1.76	4.17	7

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T Tsk		1ST	TNG	TSK	ATI
Y Nbr	Task Title	ENL	EMP	DIF	
K0591	Install or remove cabling between van sites	24	2.10	4.12	7
E0187	Remove or replace transmit-gain controls	19	2.05	4.85	7
I0391	Adjust uninterruptible power supplies (UPSs)	12	1.80	5.27	7
E0171	Adjust power monitors	26	2.90	4.83	7
O0703	Inspect packed or palletized mobility or contingency equipment prior to transport	20	2.29	4.52	7
D0155	Remove or replace pre- or post-selectors	24	1.90	4.62	7
I0359	Adjust analog-to-digital or digital-to-analog converters	24	2.51	5.25	7
I0459	Remove or replace patch panels	23	1.93	5.02	7
I0423	Perform PMIs on oscillators	18	1.83	4.21	7
A0050	Troubleshoot or repair light bulbs	51	1.63	.35	6
B0102	Visually inspect antenna couplers	34	2.76	2.90	5
N0674	Pick up, deliver, or store equipment, tools, parts, or supplies	45	1.88	3.20	5
O0736	Tear down, inspect, clean, and reassemble weapons	32	2.51	3.75	5
A0032	Remove or replace blower motors	47	2.56	3.61	5
O0696	Don or doff chemical warfare personal protective clothing	33	2.93	3.15	5
A0028	Perform PMIs on cable assemblies or internal wiring	47	2.85	2.96	5
B0061	De-ice antennas	32	1.88	3.00	5
A0053	Visually inspect guidewires	45	2.66	1.51	5
B0073	Remove or replace antenna transmission lines or related components	37	2.80	3.88	5
B0069	Remove or replace antenna lights	41	2.24	1.63	5
B0081	Remove or replace filter assemblies	46	2.85	2.55	5
N0671	Issue or log turn-ins of equipment, tools, parts, or supplies	33	1.95	3.76	5
O0735	Set up or tear down tents	39	2.83	3.39	5
O0711	Perform camp security	30	2.20	3.79	5
M0661	Review TO changes	36	1.73	3.92	4
O0702	Inspect mobility bags or kits	29	1.98	3.20	3
O0714	Perform explosive ordnance reconnaissance	19	2.20	3.99	3
I0432	Remove or replace attenuators	28	2.34	3.80	3
O0704	Install ground systems at deployed locations	27	2.83	3.86	3
I0424	Perform PMIs on patch panels	25	2.22	3.94	3
B0103	Visually inspect antenna radomes	22	1.78	2.68	3
F0214	Operationally check line modem units (LMUs)	14	1.56	4.34	2
G0278	Perform pre-flight equipment checkouts	5	.51	5.01	2
F0230	Remove or replace central processing units (CPUs)	14	1.20	4.89	2
F0246	Remove or replace TSMS	11	1.51	4.54	2
F0238	Remove or replace message processor controls	5	.95	4.91	2
B0070	Remove or replace antenna radomes	10	.98	4.52	2
C0122	Remove or replace software configuration systems	14	1.29	4.91	2
H0302	Configure encoders or decoders	17	1.27	5.05	2
E0185	Remove or replace power combiners	16	1.61	4.60	2
F0250	Troubleshoot or repair command post synchronizers	4	.73	5.11	2



F0237	Remove or replace LMUs	6	1.27	4.64	2
H0342	Troubleshoot or repair E-and-M signaling and control circuits	6	1.12	6.01	2



I0387	Adjust signaling subsystems	4	1.24	5.49	2
H0356	Troubleshoot or repair series or parallel converters	10	.85	6.16	2
F0229	Remove or replace ASR units	4	1.15	4.68	2

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T Tsk		1ST	TNG	TSK	ATI
Y Nbr	Task Title	ENL	EMP	DIF	
I0390	Adjust transmit or receive path equalizers	9	1.49	5.45	2
D0151	Remove or replace frame sychros	11	1.24	4.47	2
D0152	Remove or replace interference suppression devices	11	1.54	4.37	2
I0393	Calibrate transducers	3	.76	5.79	2
F0234	Remove or replace digital interface units (DIUs)	8	1.02	4.72	2
F0235	Remove or replace ESAs	5	1.02	4.52	2
I0396	Perform PMIs on command destruct systems	4	.27	4.54	2
F0269	Troubleshoot or repair TSMS	10	1.37	6.05	2
I0398	Perform PMIs on countdown clocks	3	.71	4.51	2
I0367	Adjust digital recorders or printers	7	.90	4.96	2
H0336	Remove or replace series or parallel converters	10	1.12	4.60	2
F0241	Remove or replace RIUs	4	.95	4.75	2
I0402	Perform PMIs on laser systems	3	.59	4.90	2
I0403	Perform PMIs on magnetic data tape recorders	5	.83	4.89	2
I0404	Perform PMIs on mission console workstations	5	.59	4.68	2
G0277	Perform post-flight equipment checkouts	4	.61	4.92	2
I0406	Perform PMIs on optical disk recorder	2	.51	4.62	2
Q0791	Inspect personnel for compliance with military standards	10	1.07	4.17	2
H0344	Troubleshoot or repair encoders or decoders	11	.98	6.12	2
H0281	Adjust amplitude or delay equalizers	11	1.49	5.47	2
N0666	Establish requirements for equipment, tools, parts or supplies	24	.80	5.00	2
B0091	Troubleshoot or repair antenna radomes	10	1.22	5.64	2
F0220	Operationally check remote interface units (RIUs)	19	1.66	4.65	2
H0285	Adjust fiber-optic receivers or transmitters	12	1.68	5.61	2
H0350	Troubleshoot or repair line or battery isolation relay assemblies	6	.98	6.07	2
H0287	Adjust hubbing or multiparty equipment	5	.83	5.50	2
B0096	Troubleshoot or repair cable trench sump pumps	9	.07	5.44	2
I0369	Adjust elapsed-time clocks	4	.76	5.20	2
H0354	Troubleshoot or repair out-of-band signaling and control circuits	7	.71	6.34	2
H0291	Adjust line isolation assemblies or battery isolation relay assemblies	6	1.17	5.26	2
I0420	Perform PMIs on line conditioning equipment	7	1.05	4.27	2
H0357	Troubleshoot or repair two wire/four wire conversion and termination circuits	9	.88	6.21	2
I0422	Perform PMIs on magnetic mass storage	3	.68	4.68	2
F0215	Operationally check magnetic tape memories (MTMs)	8	.85	4.16	2
H0312	Perform PMIs on encoders or decoders	16	1.59	4.70	2
F0233	Remove or replace DCSUs	11	1.66	4.65	2
I0426	Perform PMIs on RF combiners	18	1.56	4.41	2
I0427	Perform PMIs on remote control devices	9	.98	4.06	2
F0236	Remove or replace force synchronizers	3	1.07	4.62	2
I0429	Perform PMIs on UPSs	18	1.51	4.14	2
F0430	Remove or replace AFCS	4	1.00	4.92	2

E0175	Perform PMIs on ALCs	11	1.73	4.50	2
I0368	Adjust diversity combiners	6	.85	5.36	2

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T Tsk Y Nbr	Task Title	1ST ENL	TNG EMP	TSK DIF	ATI
I0433	Remove or replace automatic or manual transfer units or switching panels	7	1.00	4.76	2
F0242	Remove or replace RT controls	9	1.51	4.73	2
I0371	Adjust facsimile equipment	8	.46	5.19	2
I0436	Remove or replace carrier-level detectors	7	.95	4.81	2
I0437	Remove or replace CCVSS	3	.88	4.61	2
I0438	Remove or replace command destruct systems	4	.63	4.75	2
I0407	Perform PMIs on optical systems	5	.66	4.71	2
I0408	Perform PMIs on oscillograph recorders	2	.27	4.66	2
I0441	Remove or replace elapsed-time clocks	3	.51	4.69	2
I0442	Remove or replace equipment alarm circuits or automatic fault sensing and switching networks	8	1.02	4.72	2
I0443	Remove or replace fiber-optic system components	11	1.73	4.91	2
I0380	Adjust munitions firing systems	3	.32	5.37	2
I0445	Remove or replace hybrid bridges	3	.95	4.75	2
I0382	Adjust optical systems	3	.73	5.44	2
F0255	Troubleshoot or repair EAM equipment	7	1.07	6.13	2
I0448	Remove or replace line conditioning equipment	8	1.02	4.61	2
H0321	Remove or replace echo suppressors	8	1.37	4.49	2
I0450	Remove or replace magnetic data tape recorders	6	.83	4.66	2
I0451	Remove or replace magnetic mass storage	2	.78	4.69	2
H0324	Remove or replace four way/four wire bridges	7	1.02	4.53	2
D0165	Troubleshoot or repair interference suppression devices	12	1.44	6.26	2
H0326	Remove or replace hubbing or multiparty equipment	5	.98	4.84	2
I0439	Remove or replace countdown clocks	3	.54	4.61	2
I0440	Remove or replace digital recorders or printers	7	.76	4.63	2
I0457	Remove or replace oscillators	22	1.32	4.76	2
H0330	Remove or replace line or battery isolation relay assemblies	7	1.02	4.67	2
D0139	Adjust interference suppression devices	12	1.63	5.11	2
I0460	Remove or replace printers	16	.85	4.09	2
I0461	Remove or replace remote control devices	10	.95	4.53	2
I0462	Remove or replace RF combiners	20	1.68	4.88	2
Q0783	Evaluate inspection report findings or inspection procedures	3	.68	5.26	2
I0464	Remove or replace station batteries	12	.83	4.62	2
H0337	Remove or replace two wire/four wire conversion and termination circuits	8	.80	4.53	2
I0466	Remove or replace test translators	13	1.07	4.71	2
I0467	Remove or replace transducers	7	.83	4.75	2
I0468	Remove or replace UPS components	9	1.12	4.69	2
H0341	Troubleshoot or repair computer interface equipment	8	1.66	6.11	2
I0470	Troubleshoot attenuators	19	1.61	4.61	2
I0471	Troubleshoot or repair AFCs	3	1.17	5.68	2
F0216	Operationally check message processor controls	6	.95	4.41	2
F0472	Troubleshoot or repair automatic or manual transfer	8	.88	4.82	2

	units or switching panels				
I0474	Troubleshoot or repair battery charging systems	10	.90	5.71	2

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Y Nbr	Task Title	ENL	EMP	DIF	
H0347	Troubleshoot or repair in-band signaling and control circuits	6	1.02	6.15	2
H0348	Troubleshoot or repair level converters	18	1.44	6.05	2
I0477	Troubleshoot or repair CCVSS	2	.59	6.09	2
I0478	Troubleshoot or repair command destruct systems	3	.24	6.11	2
I0479	Troubleshoot or repair computer processors	6	.54	6.45	2
I0480	Troubleshoot or repair countdown clocks	3	.44	6.35	2
I0449	Remove or replace line equalizers	5	.98	4.57	2
I0482	Troubleshoot or repair digital recorders or printers	6	.54	6.29	2
I0419	Perform PMIs on hybrid term units	3	.80	4.55	2
I0484	Troubleshoot or repair elapsed-time clocks	2	.32	6.14	2
I0485	Troubleshoot or repair equipment alarm circuits or automatic fault sensing and switching networks	10	1.12	6.15	2
I0486	Troubleshoot or repair facsimile equipment	6	.44	6.29	2
H0327	Remove or replace in-band signaling and control circuits	7	.59	4.73	2
H0328	Remove or replace level converters	19	1.44	4.38	2
I0489	Troubleshoot or repair hybrid bridges	2	.68	6.23	2
I0490	Troubleshoot or repair infrared systems	2	.44	6.46	2
I0491	Troubleshoot or repair laser systems	2	.20	6.77	2
I0492	Troubleshoot or repair line conditioning equipment components	8	.85	6.14	2
I0493	Troubleshoot or repair line equalizers	4	.68	6.12	2
I0494	Troubleshoot or repair magnetic data tape recorders	5	.61	6.42	2
I0495	Troubleshoot or repair magnetic mass storage	2	.39	6.47	2
I0496	Troubleshoot or repair mission console workstations	6	.49	6.51	2
I0497	Troubleshoot or repair mixers	12	1.12	5.96	2
I0498	Troubleshoot or repair munitions firing systems	2	.15	6.22	2
I0499	Troubleshoot or repair optical disk recorders	2	.17	6.45	2
I0500	Troubleshoot or repair optical systems	3	.76	6.61	2
I0501	Troubleshoot or repair oscillators	18	1.59	6.11	2
I0502	Troubleshoot or repair oscillograph recorders	3	.49	6.41	2
F0247	Schedule satellite users	6	.90	5.25	2
I0376	Adjust laser systems	2	.78	5.75	2
I0505	Troubleshoot or repair printers	14	.80	5.87	2
I0506	Troubleshoot or repair remote control devices	9	.98	5.94	2
I0507	Troubleshoot or repair RF combiners	18	1.59	5.96	2
I0508	Troubleshoot or repair signaling subsystems	7	.73	6.16	2
I0509	Troubleshoot or repair synthesizers	21	1.37	6.09	2
I0510	Troubleshoot or repair test translators	16	.71	5.99	2
I0511	Troubleshoot or repair transducers	7	.49	6.21	2
I0512	Troubleshoot or repair UPSs	11	1.37	6.17	2
F0257	Troubleshoot or repair FIPs	4	.95	6.17	2
F0258	Troubleshoot or repair force synchronizers	2	1.24	6.20	2
M0643	Compile data for records, reports, logs, or trend analyses	24	.85	5.18	2
I0452	Remove or replace mission console workstations	7	.54	4.58	2



F0261	Troubleshoot or repair MTMs	3	.71	6.31	2
J0518	Configure computer based data processing equipment	10	1.41	5.17	2
F0263	Troubleshoot or repair RIUs	5	1.10	6.13	2

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F0264	Troubleshoot or repair RT controls	10	1.51	6.15	2
A0009	Inspect flight safety wire	6	.17	4.11	2
F0266	Troubleshoot or repair selective message routers (SMRs)	3	.63	6.24	2
I0395	Perform PMIs on CCVSs	2	.46	4.56	2
F0268	Troubleshoot or repair TDSPPs	9	1.24	6.15	2
J0525	Configure recording equipment	10	1.29	4.76	2
Q0782	Establish procedures for accountability of equipment, tools, parts, or supplies	11	.76	4.78	2
I0399	Perform PMIs on digital recorders or printers	6	1.10	4.60	2
I0400	Perform PMIs on elapsed-time clocks	2	.59	4.52	2
G0273	Inspect life support equipment	6	.78	4.40	2
Q0786	Evaluate personnel for promotion, demotion, reclassification, or special awards	2	.90	5.11	2
Q0787	Evaluate maintenance or utilization of equipment, tools, parts, supplies, or workspace	7	1.07	5.10	2
J0532	Perform post-pass procedures	5	1.59	4.69	2
J0533	Perform pre-pass procedures	6	1.49	4.67	2
J0534	Perform amplitude linearity tests	6	1.46	5.18	2
J0535	Perform audio frequency tests	10	1.61	4.62	2
Q0792	Interpret policies, directives, or procedures for subordinates	4	.51	4.91	2
Q0793	Investigate accidents or incidents	1	.44	5.09	2
H0282	Adjust bit synchronizers	13	1.02	5.23	2
H0283	Adjust Ear-and-Mouth (E-and-M) signaling and control circuits	10	.98	5.10	2
I0476	Troubleshoot or repair carrier-level detectors	7	1.24	5.87	2
A0029	Reconstruct traces on circuit boards	6	.83	7.35	2
H0286	Adjust four way/four wire bridges	6	1.20	5.37	2
J0543	Perform harmonic distortion tests	8	1.24	6.04	2
H0288	Adjust in-band signaling and control circuits	8	1.27	5.30	2
I0481	Troubleshoot or repair cryptographic equipment	13	1.22	6.50	2
H0290	Adjust level regulators	9	1.15	4.97	2
J0547	Perform noise-to-power ratio (NPR) tests	10	1.59	5.79	2
Q0804	Write or indorse military performance reports	1	.51	5.84	2
I0421	Perform PMIs on magnetic data tape recorders	5	.68	4.63	2
Q0806	Write replies to inspection reports	1	.98	5.39	2
H0295	Adjust out-of-band signaling and control circuits	11	1.20	5.48	2
O0680	Conduct contingency operation or mobility planning and execution system (COMPES) programs	3	.17	5.95	2
H0297	Adjust shift keying modems	23	1.59	5.30	2
H0298	Adjust two wire/four wire conversion and termination circuits	15	1.05	5.04	2
H0299	Adjust word selectors	2	.66	5.21	2
I0428	Perform PMIs on station batteries	11	1.20	4.25	2
H0301	Configure echo suppressors	10	1.44	4.91	2
T0558	Perform terminal impedance tests	10	1.17	5.18	2

H0303	Operate bit synchronizers	18	1.41	4.40	2
A0048	Troubleshoot or repair cross-connections	16	1.27	4.28	2
H0305	Operate word selectors	2	.51	4.33	2

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T Tsk		1ST	TNG	TSK	ATI
Y Nbr	Task Title	ENL	EMP	DIF	
I0434	Remove or replace battery charging systems	11	1.00	4.97	2
A0051	Troubleshoot or repair pumps	11	.51	4.22	2
J0564	Submit gateway access requests	7	1.15	4.87	2
H0309	Perform PMIs on bit synchronizers	12	1.49	4.58	2
J0566	Update ephemeris sets	15	1.00	4.71	2
H0311	Perform PMIs on word selectors	4	.80	4.68	2
K0568	Adjust kineto tracking mount (KTM) systems	1	.12	5.52	2
K0569	Analyze test requirements to determine support such as equipment, facilities, or personnel	8	.56	5.96	2
K0570	Assemble and install cable troughs	10	.71	4.03	2
K0571	Assemble and install interconnects	9	1.61	4.16	2
H0316	Remove or replace amplitude or delay equalizers	8	1.12	4.80	2
K0573	Coordinate project support agreements (PSAs) with appropriate agencies	4	.29	5.66	2
K0574	Coordinate test directives with appropriate agencies	7	.15	5.58	2
K0575	Coordinate test item or equipment preparation with technical data agencies or engineers	7	.15	5.53	2
K0576	Coordinate test parameters with test directors	5	.39	5.75	2
K0577	Coordinate test support with base or range agencies	7	.27	5.69	2
K0578	Design or construct electronic circuits	7	.27	8.03	2
K0579	Design or construct mounting devices	7	.27	7.00	2
K0580	Determine power source requirements for equipment operation	13	.93	6.67	2
K0581	Draft blueprints, cabling, circuit or wiring schematic diagrams	6	.15	8.25	2
K0582	Draft facility layouts	3	.05	7.73	2
K0583	Draft systems diagrams	6	.32	7.77	2
K0584	Evaluate condition and quality of instrumentation recordings	5	.12	7.03	2
K0585	Evaluate test locations	5	.12	6.58	2
K0586	Evaluate test safety requirements	9	.44	6.39	2
F0267	Troubleshoot or repair SSPs	3	.95	6.14	2
K0588	Form and fan equipment cables	9	1.61	4.96	2
B0077	Remove or replace dehydrators or pressurizers	22	1.56	4.49	2
K0590	Install or remove cable ladders	8	1.49	4.53	2
J0527	Coordinate operational schedule changes with area controlling agencies	9	1.54	5.00	2
K0592	Install or remove distribution frames and associated wiring	9	1.02	5.05	2
K0593	Install or remove electrical conduits	12	1.20	4.62	2
F0210	Operationally check dual COMSEC switching units (DCSUs)	11	1.71	4.51	2
K0595	Install or remove line conditioning equipment	7	1.24	5.03	2
H0340	Troubleshoot or repair bit synchronizers	10	1.37	5.99	2
K0597	Install or remove power distribution systems	15	1.63	5.28	2
K0598	Install or remove power generating equipment	18	1.71	5.33	2
H0343	Troubleshoot or repair echo suppressors	10	1.24	6.10	2

K0600	Interpret logic diagrams	15	1.59	6.12	2
K0601	Operate KTM systems	1	.15	5.23	2
O0730	Request or distribute mobility requirements documents	5	.07	4.57	2

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T Tsk		1ST	TNG	TSK	ATI
Y Nbr	Task Title	ENL	EMP	DIF	
K0603	Operationally check safe and arm devices	5	.46	5.08	2
K0604	Perform information system (IS) relocation project or scheme procedures	2	.17	6.48	2
K0605	Perform IS removal project or scheme procedures	2	.17	6.28	2
K0606	Perform post-installation operational tests	11	.76	5.92	2
K0607	Perform pre-implementation surveys	4	.41	5.93	2
K0608	Perform project or scheme reviews	4	.15	6.22	2
B0097	Troubleshoot or repair de-icers or heaters	21	1.20	5.48	2
K0610	Perform static firing of munitions or ordinance devices	5	.15	5.57	2
I0483	Troubleshoot or repair distribution frames and associated wiring	6	1.29	6.18	2
K0612	Prepare post-installation documentation	10	1.17	5.07	2
K0613	Prepare pre-implementation documentation	9	.90	5.16	2
K0614	Prepare project or scheme review documentation	4	.20	5.47	2
I0487	Troubleshoot or repair fiber-optic systems	14	1.46	6.37	2
K0616	Prepare work phase documentation	7	.44	5.64	2
I0361	Adjust battery charging systems	13	1.39	5.11	2
K0618	Set up or tear down KTM systems	2	.44	5.56	2
K0619	Set up or tear down range radars	2	.32	5.61	2
I0364	Adjust closed circuit video systems (CCVSS)	3	.73	5.34	2
K0621	Site KTM systems	2	.37	5.59	2
L0622	Adjust daily maintenance plans to meet operational commitments	15	.90	5.35	2
L0623	Analyze core automated maintenance system (CAMS), Reliability and Maintainability Information System (REMIS), Improved Maintenance Management Program (IMMP), or GO81 data	23	1.27	5.65	2
L0624	Clear Red-X or hazardous conditions	7	.80	5.87	2
L0625	Develop equipment inventory listings (EILs) and master PMI listings	14	.95	5.67	2
L0626	Evaluate new, modified, or prototype equipment	9	.37	6.88	2
L0627	Identify problem areas using deficiency, service, or status reports, such as reports of deficiency (RODs) or product quality deficiency reports (PQDRs), other than equipment or supply	13	1.07	6.15	2
L0628	Initiate or annotate aircraft flight or maintenance records, such as AFTO Forms 781 (Aircrew/Mission Flight Data Document) or 349 (Maintenance Data Collection Record)-series	7	1.05	5.53	2
L0629	Initiate or coordinate deficiency, service, or status reports, such as RODs or PQDRs	12	.95	5.75	2
L0630	Maintain due-in-from-maintenance (DIFM) transaction reports	19	1.68	5.18	2
I0375	Adjust infrared systems	2	.54	5.37	2
C0120	Remove or replace phase shifters	14	1.32	5.32	2
C0121	Remove or replace silicon control rectifier (SCR)	8	1.44	5.52	2

cabinet components

L0634	Review aircraft flight or maintenance records, such as AFTO Forms 781 or 349-series	6	.46	4.91	2
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T Tsk		1ST	TNG	TSK	ATI
Y Nbr	Task Title	ENL	EMP	DIF	
I0379	Adjust mission console workstations	5	.54	5.28	2
L0636	Update EIL and master PMI listings	23	1.10	4.58	2
I0381	Adjust optical disk recorders	2	.51	5.36	2
C0126	Troubleshoot or repair interrogators	6	1.00	6.37	2
C0127	Troubleshoot or repair SCR cabinets	9	1.59	6.30	2
I0384	Adjust oscillograph recorders	2	.37	5.53	2
I0385	Adjust printers	16	.68	5.06	2
L0642	Verify accuracy of CAMS, REMIS, IMMP, or GO81 daily inputs	27	1.63	4.61	2
O0707	Maintain accountability of personnel selected to fill OPLAN requirements	2	.29	4.62	2
F0260	Troubleshoot or repair message processor controls	5	.83	6.15	2
I0389	Adjust transducers	6	.73	5.40	2
M0646	Establish or maintain automated technical order management system (ATOMS) accounts	17	1.07	4.76	2
M0647	Establish or maintain accountability records for classified materials or documents	19	1.49	5.05	2
A0008	Inspect flight hardware	5	.12	5.03	2
M0649	Initiate classified reports, messages, or documents	15	1.05	5.30	2
I0394	Operate computer processors	11	1.66	4.82	2
Q0779	Draft supplements or changes to directives, such as policy directives, instructions, or manuals	1	.29	6.34	2
M0652	Initiate requests for temporary duty (TDY) orders	8	.46	4.39	2
I0397	Perform PMIs on computer processors	5	1.02	4.68	2
M0654	Maintain administrative files	20	1.05	4.03	2
M0655	Maintain publications libraries, other than TO libraries	23	1.46	4.01	2
M0656	Maintain time compliance technical orders (TCTOs)	28	1.54	4.09	2
I0401	Perform PMIs on infrared systems	2	.59	4.53	2
O0690	Determine specific source of personnel requirements for deployment manning documents	2	.32	6.07	2
O0723	Submit or process award fees	2	.02	5.50	2
M0660	Prepare administrative or classified materials or documents for mailing, transporting, or issue	10	.93	4.49	2
I0405	Perform PMIs on munitions firing systems	3	.27	4.78	2
M0662	Review TO improvement reports, such as AFTO Forms 22	23	1.32	4.28	2
M0663	Write minutes of briefings, conferences, or meetings	10	.63	4.06	2
N0664	Coordinate maintenance of equipment with appropriate agencies	26	1.22	4.31	2
N0665	Develop equipment checklists	22	1.59	5.13	2
Q0794	Plan layouts of facilities	1	.17	5.96	2
I0411	Perform PMIs on automatic or manual transfer units or switching panels	5	1.24	4.49	2
H0284	Adjust echo suppressors	10	1.17	5.35	2
I0413	Perform PMIs on distribution frames and associated wiring	8	1.29	4.23	2
I0414	Perform PMIs on diversity combiners	5	1.02	4.50	2



D0159	Troubleshoot limiters	15	1.41	6.10	2
J0544	Perform idle channel noise tests	10	1.68	5.46	2
H0289	Adjust level converters	19	1.63	5.02	2

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T Tsk		1ST	TNG	TSK	ATI
Y Nbr	Task Title	ENL	EMP	DIF	
I0418	Perform PMIs on hybrid bridges	3	.80	4.54	2
O0675	Assign personnel to mobility or contingency positions	2	.29	4.26	2
O0676	Brief deploying personnel	3	.41	4.22	2
O0677	Compile or prepare status of resources training systems (SORTSS)	5	.39	5.34	2
O0678	Complete operations plan (OPLAN) sourcing requirements	1	.32	5.98	2
O0679	Compute OPLAN requirements status listings	1	.37	5.82	2
P0744	Counsel trainees on training progress	10	1.10	4.60	2
P0745	Determine training requirements	10	1.29	5.22	2
E0170	Adjust automatic leveling controls (ALCs)	11	1.51	5.31	2
O0683	Coordinate area port joint inspections with area port squadrons	2	.10	5.35	2
O0684	Coordinate deployment of personnel with other MAJCOMS or joint service commands	2	.17	5.90	2
O0685	Coordinate exercise sourcing requirements with functional managers	2	.17	5.74	2
O0686	Coordinate limited technical inspection (LTI) vehicle inspections with vehicle maintenance	6	.41	4.89	2
O0687	Coordinate mobility or contingency requirements with appropriate agencies	3	.44	5.71	2
O0688	Coordinate specific source of personnel requirements with appropriate agencies	2	.20	5.59	2
O0689	Determine cost factors for support agreements	2	.22	6.45	2
P0754	Inspect training materials or aids for operation or suitability	4	1.02	5.05	2
O0691	Develop contingency exercise mobility (CEM) orders	2	.29	5.87	2
E0180	Remove or replace cooling air circulation system components	21	1.49	4.54	2
O0693	Develop maintenance plans	6	1.00	6.08	2
O0694	Develop mobility inspection checklists	7	1.37	5.65	2
I0455	Remove or replace optical disk recorders	2	.56	4.66	2
E0184	Remove or replace magic-T networks	6	.93	4.69	2
O0697	Draft mobility or deployment after-action reports	6	.83	4.97	2
O0698	Initiate or process acquisition documents, such as requests for proposals (RFPs)	1	.46	5.72	2
O0699	Initiate or process modification management documents (MMDs)	1	.46	6.10	2
K0572	Coordinate instrumentation checkouts with other test teams	8	.85	4.84	2
Q0765	Conduct supervisory performance feedback sessions	1	.41	4.85	2
I0446	Remove or replace infrared systems	2	.68	5.04	2
I0447	Remove or replace laser systems	2	.68	5.46	2
E0192	Troubleshoot magic-T networks	5	1.24	5.83	2
O0705	Load plan aircraft for deployments	4	.98	6.34	2
O0706	Maintain disaster preparedness checklists	12	1.00	4.18	2
Q0803	Write or indorse civilian performance appraisals	1	.27	5.76	2
O0708	Maintain base OPLAN files	2	.07	4.00	2

I0453	Remove or replace mixers	11	1.27	4.79	2
I0454	Remove or replace munitions firing systems	3	.27	4.81	2
F0231	Remove or replace command post synchronizers	4	1.07	4.94	2

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prtfac	2ElX1 Automated Training Indicators (Desc Order)	PF0003	'Occupational Analysis Program'		Page	21
			'AFOMS (AETC) Randolph AFB TX'			
D						
T Tsk		1ST	TNG	TSK	ATI	
Y Nbr	Task Title	ENL	EMP	DIF		
I0456	Remove or replace optical systems	3	.68	5.10	2	
O0713	Perform disease or pestilence countermeasures	12	1.61	4.35	2	
I0458	Remove or replace oscillograph recorders	2	.27	4.70	2	
B0075	Remove or replace cable trench sump pumps	8	.24	4.14	2	
O0716	Perform path profile procedures	5	1.46	5.62	2	
O0717	Perform plans file and mobility file matches	3	.49	4.52	2	
O0718	Perform predeployment reconnaissance surveys	7	1.10	5.10	2	
I0463	Remove or replace signaling subsystem components	7	.95	4.90	2	
O0720	Perform source selection evaluation team (SSET) activities	2	.27	5.38	2	
O0721	Perform cover and concealment techniques for work party security	15	1.66	4.15	2	
O0738	Update SORTS reports	8	.44	5.12	2	
F0243	Remove or replace SDUs	5	1.07	4.83	2	
O0724	Submit or process requirement documents	3	.05	5.48	2	
F0213	Operationally check force synchronizers	6	.98	4.40	2	
Q0790	Initiate actions required due to substandard performance of personnel	1	.51	5.35	2	
Q0775	Develop or establish work methods or procedures	6	.71	5.65	2	
O0728	Process classified materials or documents at deployed locations	13	1.59	4.87	2	
O0729	Provide OPLAN requirements status listings to unit commanders	1	.20	5.33	2	
Q0762	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	4	.39	4.46	2	
O0731	Review contract action requests (CARs)	1	.07	5.54	2	
O0732	Review engineer change proposals (ECPs)	1	.27	5.95	2	
O0733	Review requirement documents	5	.41	5.39	2	
F0222	Operationally check supervisory status panels (SSPs)	6	1.32	4.64	2	
F0223	Operationally check time standard modulators (TSMs)	14	1.56	4.30	2	
F0224	Perform emergency MPU bypass procedures	3	1.29	5.61	2	
F0225	Perform PMIs on ESAs	5	1.51	4.48	2	
Q0770	Determine or establish work assignments or priorities	3	1.02	5.16	2	
P0747	Develop training programs, plans, or procedures	10	.68	6.24	2	
Q0772	Develop resource protection programs	1	.20	5.08	2	
Q0805	Write recommendations for awards or decorations	1	.78	5.98	2	
P0742	Conduct formal course classroom training	7	.56	5.21	2	
P0751	Evaluate training methods or techniques of instructors	5	.76	5.73	2	
Q0776	Develop or establish work schedules	4	.66	4.65	2	
P0753	Evaluate progress of trainees	9	1.29	4.96	2	
P0746	Develop formal course curricula, plans of instruction (POIs), or specialty training standards (STs)	3	.15	6.40	2	
Q0763	Conduct self-inspections or self-assessments	16	1.59	4.58	2	
P0748	Develop written tests	3	.59	6.08	2	
P0749	Develop or procure training materials or aids	9	.68	5.62	2	
P0750	Establish or maintain study reference files	5	.95	5.00	2	
Q0757	Conduct supervisory orientations for newly assigned	2	.55	4.22	2	

	personnel				
P0752	Evaluate effectiveness of training programs, plans, or procedures	5	.59	5.88	2

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D							
T Tsk		1ST	TNG	TSK	ATI		
Y Nbr	Task Title	ENL	EMP	DIF			
Q0769	Determine or establish logistics requirements, such as personnel, equipment, tools, parts, supplies, or workspace	3	.59	5.52	2		
Q0802	Write staff studies, surveys, or routine reports, other than training or inspection reports	2	.17	6.13	2		
Q0795	Review budget requirements	1	.12	6.06	2		
P0756	Personalize lesson plans	4	1.22	4.87	2		
P0757	Prepare job qualification standards (JQSS)	9	.54	5.64	2		
P0758	Write training reports	2	.39	5.47	2		
Q0799	Schedule personnel for TDY assignments, leaves, or passes	2	.24	4.77	2		
Q0760	Assign personnel to work areas or duty positions	3	.59	4.51	2		
Q0785	Evaluate personnel for compliance with performance standards	4	1.27	4.77	2		
Q0766	Conduct safety inspections of equipment or facilities	13	1.61	4.55	2		
Q0797	Review mobility, contingency, disaster preparedness, or unit emergency or alert plans	5	.66	5.30	2		
Q0764	Conduct staff assistance visits, inspections, or audits	1	.56	5.38	2		
Q0801	Write job or position descriptions	3	.39	5.64	2		
Q0774	Develop inputs to mobility, contingency, disaster preparedness, or unit emergency or alert plans	3	.39	5.10	2		
Q0773	Develop self-inspection or self-assessment program checklists	4	.83	5.39	2		
Q0768	Counsel subordinates concerning personal matters	3	.76	5.17	2		
Q0781	Establish performance standards for subordinates	2	.93	5.12	2		
Q0798	Review drafts of supplements or changes to directives, such as policy directives, instructions, or manuals	3	.51	5.47	2		
Q0789	Initiate personnel action requests	1	.51	4.90	2		
Q0780	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	3	.34	6.36	2		
Q0800	Write inspection reports	2	.32	5.61	2		
Q0796	Review host-tenant or interservice agreements	1	.12	6.50	2		
A0003	Adjust cross-connections	18	1.22	2.62	1		
O0695	Dig trenches, such as around tents and shelters	20	1.46	2.00	1		
M0659	Participate in TCTO meetings	6	.59	3.93	1		
I0410	Perform PMIs on attenuator pads	8	1.44	3.90	1		
O0727	Prepare sites at deployed locations, such as cutting grass or removing snow	19	1.54	2.49	1		
M0658	Maintain or update status indicators, such as boards, graphs, or charts	20	.71	3.84	1		
J0515	Compose and transmit messages using teletype equipment	14	1.27	3.30	1		
B0082	Remove or replace multicouplers	12	1.59	3.97	1		
Q0759	Annotate time and attendance sheets for civilian employees	1	.24	3.68	1		
A0040	Remove or replace pumps	11	.66	2.95	1		

I0425	Perform PMIs on printers	15	.93	3.99	1
G0274	Inspect ramp areas for foreign object damage (FOD) matter	5	.66	2.11	1

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T Tsk		1ST	TNG	TSK	ATI
Y Nbr	Task Title	ENL	EMP	DIF	
G0275	Monitor radio communication transmissions	14	1.54	2.89	1
P0740	Brief personnel concerning training programs or matters	10	.71	3.99	1
Q0761	Assign sponsors for newly assigned personnel	1	.54	3.13	1
G0270	Brief crew members or passengers on emergency procedures	14	.66	3.79	1
G0279	Secure equipment for takeoff or landing	4	.39	3.77	1
G0276	Perform aircrew safety observer procedures	2	.41	3.57	1
A0025	Perform PMIs on cross-connections	19	1.27	3.03	1
A0036	Remove or replace cross-connections	16	1.59	3.50	1
M0651	Initiate or maintain standby rosters or workcenter pyramid recall rosters	23	.71	3.67	1
P0741	Complete student entry or withdrawal forms	3	.34	3.51	1
P0739	Administer or score tests	4	.49	3.09	1
Q0778	Draft host-tenant or interservice agreements	1	.00	6.99	****
O0726	Submit or process incentive fees	2	.00	5.32	****
G0280	Write or update flight manuals, safety and operational supplements, or flight crew checklists	2	.00	5.99	****
Q0777	Draft budget requirements	1	.00	6.72	****
K0602	Operate range radars	2	.00	5.58	****
G0271	Conduct aircrew mission briefings	2	.00	3.85	****
G0272	Coordinate correction of aircraft discrepancies or malfunctions with aircraft commander or job control	2	.00	4.70	****
O0701	Inspect launch support systems	2	.00	5.40	****
A0038	Remove or replace light bulbs	85	2.34	-.62	****





END PRTREP